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705

OWNERS MANUAL

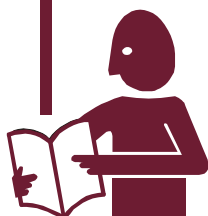
WATER-MAX WM-TR

Includes
**INSTALLATION
USE & CARE
SERVICE**



IMPORTANT: DO NOT DISCARD THIS MANUAL

This manual is considered to be part of the appliance and is to be given to the OWNER or MANAGER of the restaurant, or to the person responsible for TRAINING OPERATORS of this appliance. Additional manuals are available from your WELLS DEALER.



THIS MANUAL MUST BE READ AND UNDERSTOOD BY ALL PERSONS USING OR INSTALLING THIS APPLIANCE. Contact your WELLS DEALER if you have any questions concerning installation, operation or maintenance of this equipment.

LIMITED WARRANTY STATEMENT

This Water-Max™ hot water dispenser manufactured by WELLS MFG. CO. is warranted against defects in materials and workmanship for a period of two years from the date of original installation and is for the benefit of the original purchaser only.

THIS WARRANTY IS THE COMPLETE AND ONLY WARRANTY, EXPRESSED OR IMPLIED IN LAW OR IN FACT, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND/OR FOR DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH WELLS MFG. CO. PRODUCTS.

This warranty is void if it is determined that, upon inspection by an authorized service agency, the equipment has been modified, misused, misapplied, improperly installed, or damaged in transit or by fire, flood or act of God. It also does not apply if the serial nameplate has been removed, or if service is performed by unauthorized personnel. The prices charged by Wells Mfg. Co. for its products are based upon the limitations in

this warranty. Seller's obligation under this warranty is limited to the repair of defects without charge by a Wells Mfg. Co. factory authorized service agency or one of its sub-service agencies. This service will be provided on customer's premises for non-portable models. Portable models (a device with a cord and plug) must be taken or shipped to the closest authorized service agency, transportation charges prepaid, for service. In addition to restrictions contained in this warranty, specific limitations are shown in the Service Policy and Procedure Guide. Wells Mfg. Co. authorized service agencies are located in principal cities. This warranty is valid in the United States and Canada and void elsewhere. Please consult your classified telephone directory, your foodservice equipment dealer or write the Factory Service Department

Wells Manufacturing Company, P.O. Box 280
Verdi, Nevada, USA 89439

Phone: (775) 689-5700 or (888) 492-2782, for information and other details concerning warranty.

SERVICE POLICY AND PROCEDURE GUIDE ADDITIONAL WARRANTY EXCLUSIONS

- Resetting of safety thermostats, circuit breakers, over load protectors, and/or fuse replacements are **not** covered by this warranty unless warranted conditions are the cause.
- All problems due to operation at **voltages or phase other than specified on equipment nameplates** are **not** covered by this warranty. Conversion to correct voltage and/or phase must be the customer's responsibility.
- All problems due to **electrical connections not made in accordance with electrical code requirements and wiring diagrams** supplied with the equipment are **not** covered by this warranty.
- Replacement of items **subject to normal wear**, to include such items as knobs, light bulbs; and, normal maintenance functions including adjustments of thermostats, adjustment of micro switches and replacement of fuses and indicating lights are **not** covered by warranty.
- Damage to electrical cords and/or plug due to exposure to excessive heat are **not** covered by this warranty.
- Full use, care, and maintenance instructions supplied with each machine. Noted maintenance and preventative maintenance items, such as servicing and cleaning schedules, are customer responsibility. Those miscellaneous adjustments noted are customer responsibility. Proper attention to preventative maintenance and scheduled maintenance procedures will prolong the life of the appliance.
- Travel mileage is limited to **sixty (60) miles** from an Authorized Service Agency or one of its sub-service agencies.
- All labor shall be performed during regular working hours. Overtime premium will be charged to the buyer.
- All genuine Wells replacement parts are warranted for ninety (90) days from date of purchase on non-warranty equipment. This parts warranty is limited only to replacement of the defective part(s). **Any use of non-genuine Wells parts completely voids any warranty.**
- Installation, labor, and job check-outs are **not** considered warranty and are thus **not** covered by this warranty.
- Charges incurred by delays, waiting time or operating restrictions that hinder the service technician's ability to perform service are **not** covered by warranty. This includes institutional and correctional facilities.

SHIPPING DAMAGE CLAIM PROCEDURE

NOTE: For your protection, please note that equipment in this shipment was carefully inspected and packaged by skilled personnel before leaving the factory. Upon acceptance of this shipment, the transportation company assumes *full responsibility* for its safe delivery.

IF SHIPMENT ARRIVES DAMAGED:

- VISIBLE LOSS OR DAMAGE:** Be certain that any visible loss or damage is noted on the freight bill or express receipt, and that the note of loss or damage is signed by the delivery person.
- FILE CLAIM FOR DAMAGE IMMEDIATELY:** Regardless of the extent of the damage.

- CONCEALED LOSS OR DAMAGE:** if damage is unnoticed until the merchandise is unpacked, notify the transportation company or carrier immediately, and file "CONCEALED DAMAGE" claim with them. This should be done within fifteen (15) days from the date the delivery was made to you. Be sure to retain the container for inspection.

Wells Manufacturing cannot assume liability for damage or loss incurred in transit. We will, however, at your request, supply you with the necessary documents to support your claim.

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Thank you for purchasing this Wells Manufacturing Co. Water-Max™ hot water dispenser.

USE AND CARE

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Proper installation, professional operation and consistent maintenance of this appliance will ensure that it gives you the very best performance and a long, economical service life.

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This manual contains the information needed to properly install the dispenser, to use and care for the dispenser, and to service and repair the dispenser in a manner which will ensure its optimum performance.

SPECIFICATIONS

Electrical: 208 Volts, Single Phase 35 Amps
240 Volts, Single Phase 35 Amps

NOTE: Requires a dedicated 50 Amp circuit

Plumbing: Water Inlet: 1/4" Male Flare Fitting
Supply: 1/4" Female Flare supplied by a 1/4" O.D. or larger water supply line

NOTE: If water supply run from main supply line to Water-Max™ exceeds 12 feet, a 3/8" O.D. or larger water supply line is required. Water supply line must be rated for at least 180°F.

For higher capacity, hook-up to a hot water line.
DO NOT use a saddle valve to connect to supply line.

IMPORTANT: This dispenser must be installed in compliance with all applicable federal, state and local codes and ordinances.

Dimensions: Height: 28-11/16"
Width: 10-1/16" (without tank) 15" (with tank installed)
Depth: 22-7/16" (without tank) 25-1/4" (with tank installed)
Weight: 74 lbs. (without tank) 150 lbs. (with tank installed and filled)

APPLICABILITY

This manual covers Wells Water-Max™ hot water dispensers built after Nov. 1, 2002.

FEATURES & OPERATING CONTROLS

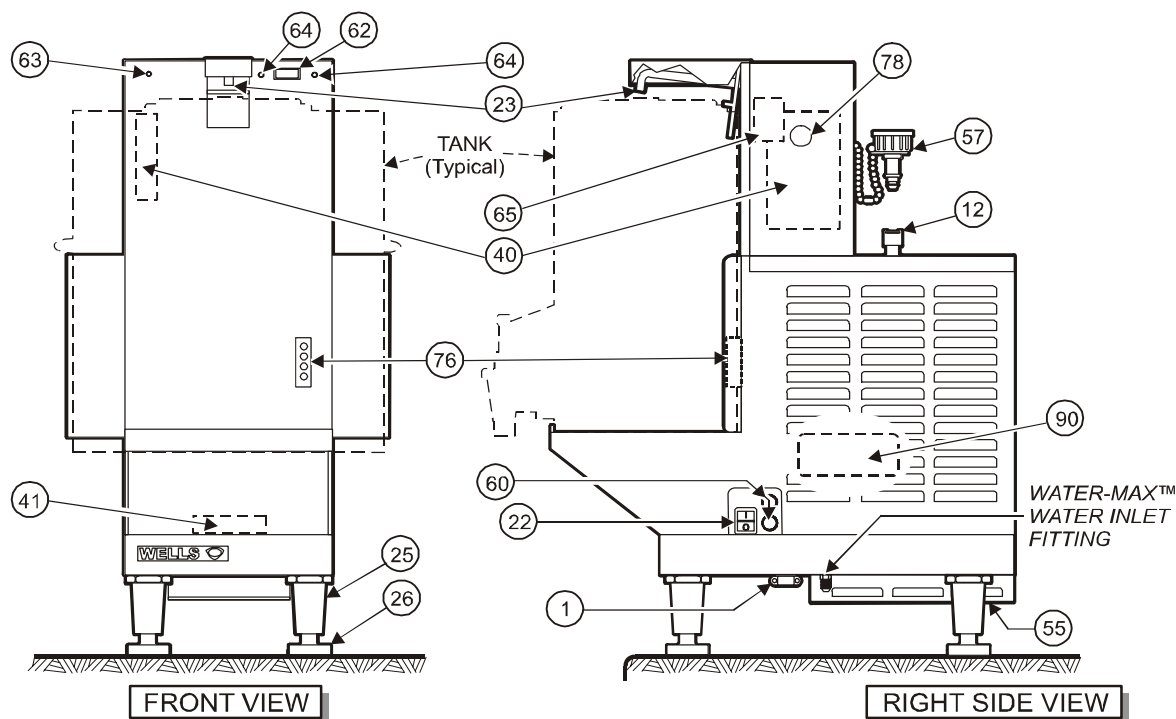


Fig. 1 Features & Operating Controls - Water Max™ Dispenser

- | | |
|------------------------------|---|
| 1. STRAIN RELIEF | (Left Side, Bottom) Field supply wiring enters the appliance here. |
| 12. DELIMING FITTING | Tank mounted quick disconnect fitting for deliming procedure. |
| 22. POWER SWITCH | Energizes the appliance. |
| 17. POWER INDICATOR | Glowes when Water-Max™ is ON and operating normally. |
| 23. DISPENSER NOZZLE | Hot water is dispensed here. Inserting water tank lowers nozzle into "dispense" position. |
| 25. ADJUSTABLE LEG | Provides required clearance to counter, and allows unit to be leveled. |
| 26. RUBBER FOOT | Allows Water-Max™ to operate without "walking" or sliding. |
| 40. CONTROLLER CIRCUIT BOARD | (Inside left side) Access by qualified technician only. |
| 41. TERMINAL BLOCK | (Inside, under tank shelf) Field supply wiring connects here. Access by qualified technician only. |
| 55. AIR FLOW CHANNEL | Provides a measure of protection for transformer cooling air outlet. |
| 57. DELIMING FITTING | Quick disconnect fitting attaches to deliming solution bottle. |
| 60. FUSES | Provide protection for electrical circuits. |
| 62. TANK INDICATORS | LEFT - Tank must be delimed
RIGHT - Glows when tank is properly installed. |
| 63. STATUS INDICATOR | Glowes when filling, flashes when controller is in "error" mode. |
| 65. TANK POSITION SWITCH | Held ON when WATER TANK depresses DISPENSER NOZZLE. Unit will not operate unless WATER TANK is in place. |
| 76. CONNECTOR | Allows WATER TANK to connect to Water-Max™. Also provides power to keep tank contents hot. |
| 78. VIEW PORT | Allows digital readout of controller to be observed. |
| 90. NAMEPLATE | (Left side) Gives manufacturer information; lists model no., serial no. and electrical specifications. |

FEATURES & OPERATING CONTROLS (continued)

GENERAL

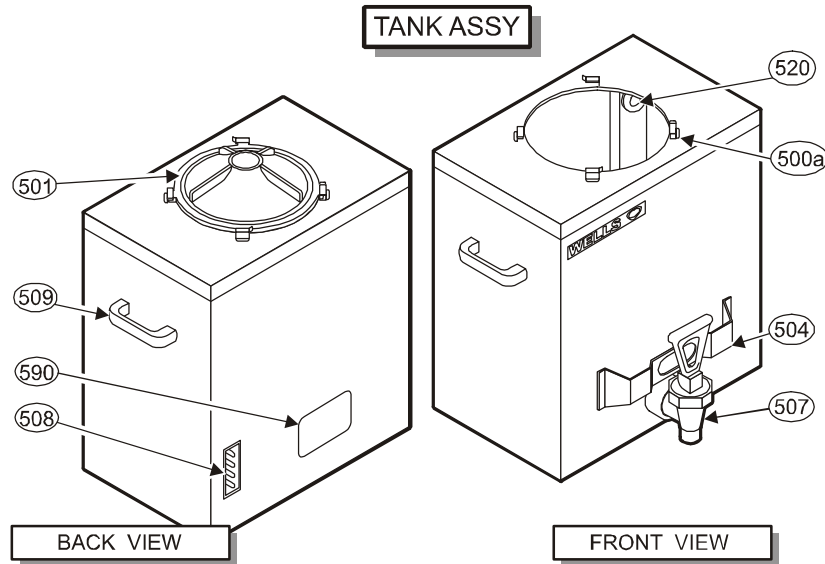


Fig. 2 Features & Operating Controls - Water Max™ 5 Gallon Tank

500A. LID HOLDING CLIPS	Ears on LID seat in these clips to secure lid to tank.
501. TANK LID	Hot water is dispensed into the tank here. Turns clockwise to latch into HOLDING CLIPS.
504. FAUCET PROTECTOR	Provides some protection for FAUCET from damage. IMPORTANT: NOT A HANDLE
507. FAUCET ASSEMBLY	Controls delivery of hot water to container for food prep, etc.
508. CONTROL RECEPTACLE	Allows WATER TANK to connect to Water-Max™. Also provides connection to power to keep tank contents hot.
509. RESERVOIR CARRYING HANDLE	Used to position the WATER TANK on Mater-Max™ CAUTION - DO NOT ATTEMPT TO MOVE OR CARRY THE WATER TANK WHEN IT CONTAINS HOT WATER! SEVERE BURNS MAY RESULT.
520. WATER LEVEL SENSOR	Inside WATER TANK. Senses water level.
590. NAMEPLATE	Gives manufacturer information; lists model no., serial no. and electrical specifications.

PRECAUTIONS AND GENERAL INFORMATION



WARNING: **Electric** **Shock hazard**

All servicing requiring access to non-insulated electrical components must be performed by a factory authorized technician.

DO NOT open any access panel which requires the use of tools. Failure to follow this warning can result in severe electrical shock.



CAUTION: **Risk of** **Damage**

DO NOT connect or energize this appliance until all installation instructions are read and followed. Damage to the appliance will result if these instructions are not followed.

Water-Max™ hot water dispenser is intended for use in commercial establishments only.

This dispenser is designed to dispense hot water used in the preparation of food for human consumption. No other use is recommended or authorized by the manufacturer or its agents.

Operators of this appliance must be familiar with the appliance use, limitations and associated restrictions.

Operating instructions, warnings and labels must be read and understood by all persons using or installing this appliance.

Cleanliness of this dispenser is essential to good sanitation. Read and follow all included cleaning instructions and schedules to ensure the safety of the food product.

Disconnect this appliance from electrical power before performing any maintenance or servicing.

DO NOT submerge the dispenser or water tank in water. Do not splash or pour water on, in or over any controls, control panel or wiring.

The technical content of this manual, including any wiring diagrams, schematics, parts breakdown illustrations and/or adjustment procedures, is intended for use by qualified technical personnel.

Any procedure which requires the use of tools must be performed by a qualified technician.

This manual is considered to be a permanent part of the appliance. This manual and all supplied instructions, diagrams, schematics, parts breakdown illustrations, notices and labels must remain with the appliance if it is sold or moved to another location.

This appliance is made in the USA. Unless otherwise noted, this appliance has American sizes on all hardware.

AGENCY LISTING INFORMATION



E6070



E6070



STD 4

This appliance conforms to NSF Standard 4 for sanitation only if installed in accordance with the supplied *Installation Instructions*.

This appliance is  Listed under File E6070.

This appliance is  Listed under File E6070.

UNPACKING & INSPECTION

Carefully remove the appliance from the carton. Remove all protective plastic film, packing materials and accessories from the appliance before connecting electrical power or otherwise performing any installation procedure.

Carefully read all instructions in this manual and the *Installation Instruction Sheet* packed with the appliance before starting any installation.

Read all instructions in this manual carefully before starting installation of this dispenser. **READ AND UNDERSTAND ALL LABELS AND DIAGRAMS ATTACHED TO THE DISPENSER.**

Carefully account for all components and accessories before discarding packing materials.

- 1 ea. WATER-MAX™ DISPENSER
- 1 ea. AIR OUTLET GUARD
- 4 ea. ADJUSTABLE LEGS
- 1 ea. WATER TANK ASSEMBLY with LID
- 1 ea. DELIMING SOLUTION BOTTLE
- 1 ea. LITERATURE PACKAGE

Store these components in a convenient place for later use:

SETUP

Verify that this dispenser installation is in compliance with the specifications listed in this manual and with local code requirements. **THIS IS THE RESPONSIBILITY OF THE INSTALLER.**

Recommended height of the faucet is 38" to 42" above the floor. However, the actual installed height will vary with the requirements of the individual store.

Install temperature gauge in water tank. Install plastic holding nut hand tight only. Refer to exploded view, page 23.

For *countertop* installation

The counter at the installation location must be level, provide a clear space at least 17-1/2" deep and must be structurally capable of safely supporting 150 pounds.

Set Water-Max™ on its back. Install the AIR OUTLET GUARD. Guard is positioned on the bottom of Water-Max™, fully to the rear, with the open portion toward the front. Install the REAR LEGS to hold the guard in place.

Install the FRONT LEGS. Make certain all four legs have the RUBBER FEET installed. Set Water-Max™ upright on the counter.

With the dispenser in its final installed location, adjust for level with the adjustable legs. With a spirit level, check and adjust the dispenser for level front-to-rear and side-to-side.

For *wall mount* installation:

Kits are available to wall mount Water-Max™. See important note at right. Wall mount kits are listed on page 41.

NOTE: DO NOT discard the carton or other packing materials until you have inspected the appliance for hidden damage and tested it for proper operation. Refer to *SHIPPING DAMAGE CLAIM PROCEDURE* on the inside front cover of this manual.



WARNING: Risk of personal injury

Installation procedures must be performed by a qualified technician with full knowledge of all applicable electrical and plumbing codes. Failure can result in personal injury and property damage.

IMPORTANT:

Water dispensed from faucet or nozzle of Water-Max™ will be VERY HOT. Also, a one gallon pitcher full of water will weigh about 8-1/2 pounds.

IMPORTANT:

For *wall mount installations* contact your Authorized Wells Service Agency:

Only factory-produced wall mounting brackets are authorized for use with Water-Max™.

Use of any mounting means or method other than the factory-produced bracket voids all warranty on this appliance. Additionally, owner and/or installer assume all liability in connection with injury or damage resulting from use of any mounting means or method other than the appropriate factory-produced bracket.

INSTALLATION (continued)



CAUTION: Risk of Damage

DO NOT connect or energize this appliance until all Installation Instructions are read and followed. Damage to the dispenser will occur if these instructions are not followed.

IMPORTANT: Water supply MUST be a minimum of 1/4" line, and MUST be capable of supplying 25 p.s.i. AT ALL TIMES during the operation of the dispenser.

IMPORTANT: Water line material must be rated for at least 180°F.

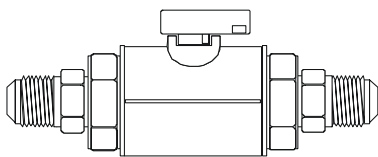


Fig. 3 1/4 Turn Ball Valve

IMPORTANT INSTALLATION NOTICE

Installer will be required to test water pressure, water flow, water total hardness, electrical voltage and amperage; and to record dispenser installation particulars on the *INSTALLATION CHECK OUT* form (see page 9).

PLUMBING LINE CONNECTION

If power has been run to the dispenser, verify that the circuit breaker is turned *OFF*, and that the power switch is in the *OFF* [O] position.

Water-Max™ has an internal sensor to verify that there is sufficient water pressure to operate. Water-Max™ will not operate until a water supply is connected to the unit or if water pressure is less than 25 p.s.i.

Water-Max™ must be connected to a potable water supply.

NOTICE:

WATER PIPE CONNECTIONS AND FIXTURES DIRECTLY CONNECTED TO A POTABLE WATER SUPPLY SHALL BE SIZED, INSTALLED AND MAINTAINED ACCORDING TO FEDERAL, STATE, AND LOCAL ORDINANCES.

May be connected to either hot or cold water line. Temperature of a hot water line must not exceed 140°F.

DO NOT use a saddle valve to connect Water-Max™ to main supply line. Connecting to a hot water line will increase the volume flow of the dispenser.

Minimum 1/4" copper or flex tubing supply line (3/8" minimum if run from main supply exceeds 12 feet) with 1/4" female flare fitting. Water line material must be rated for at least 180°F.

Minimum 25 psi / maximum 75 psi water pressure at full flow.

The installation of a SHUTOFF VALVE (must be provided by plumbing installer) on the incoming water line is required. A 1/4 turn ball valve is recommended to minimize restricting the water flow during operation. DO NOT use a saddle valve to connect Water-Max™ to main supply line.

Clean the incoming waterline: Run water through the line into a sink or bucket to flush any foreign particles or debris from the waterline.

Assemble incoming water line to the inlet fitting. Turn on water supply valve and check for leaks.

Test water for pressure at full flow. If a pressure regulator is installed, adjust pressure to 40 p.s.i. Record this reading on the *INSTALLATION CHECK OUT* form.

Test water for total hardness. Record readings on the *INSTALLATION CHECK OUT* form.

ELECTRICAL INSTALLATION

NOTICE:

A DEDICATED CIRCUIT OF AT LEAST 50 AMPS IS REQUIRED. WIRING MUST BE AT LEAST 6 ga., SUITABLE FOR 75° C. CONDUIT, WIRING AND CONNECTIONS MUST BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL ORDINANCES.

Conduit, wiring and connections must comply with the specifications in this manual, and with local ordinances. A 208V or 240V single phase, 50 amp circuit required.

Field supply wiring must pass thru, and be secured by, the strain relief on the bottom left side of the dispenser.

Field wiring supply power must connect to the rear-most side of the terminal block, terminals L1 and L2 as shown in Fig. 4.

NOTE: Terminal block is accessible by removing the tank shelf. Remove the two screws under the shelf and lift the shelf off of the unit. See wiring tag.

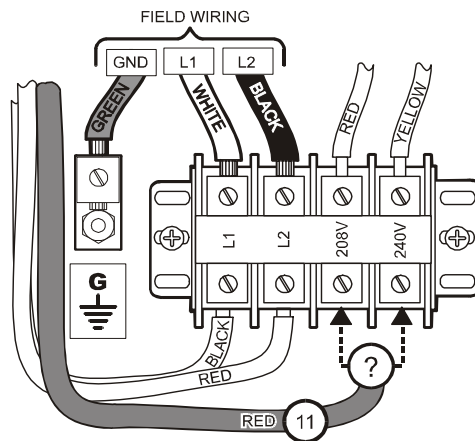


Fig. 4 Terminal Block Wiring

The dispenser is shipped with red wire #11 unattached. Configure the dispenser for either 208 volt or 240 volt use:

Determine input voltage.

READ CAUTION TAG. Remove tag and wire nut from wire #11.

Attach wire #11 to either the terminal labeled "208V", or to the terminal labeled "240V", as appropriate for the input voltage.

Optional cord set uses a 4' cord and NEMA 6-50P plug (see Fig. 5).

A suitable earth ground must be connected to the ground lug located to the left of the terminal block (see Fig. 4. above).

Check all connections to terminal block for tightness.

Test electrical supply for voltage and amp draw while unit is filling water tank. Record readings on the INSTALLATION CHECKOUT form.

Upon completion of the electrical hook-up and testing, properly reinstall all panels.



CAUTION:
SHOCK HAZARD

Removal of any exterior panel will result in exposed electrical circuits. Electrical connection must be performed by a **qualified technician only**. Use care whenever working around exposed electrical circuits.

IMPORTANT:

Contact a licensed electrician to install and connect electrical power to the dispenser.

IMPORTANT:

Damage due to being connected to the wrong voltage or phase is NOT covered by warranty.

IMPORTANT:

Field wiring supply voltage must correspond to the position of red wire #11 (i.e. 208V or 240V). Failure to match wire #11 position to input voltage can result in equipment damage or reduced performance. Such damage is not covered by warranty.



CAUTION:
SHOCK HAZARD

Failure to connect the chassis ground to a suitable earth ground will result in a potential shock hazard.

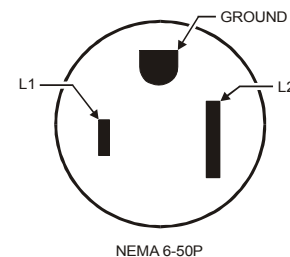


Fig. 5 NEMA 6-50P Plug

INSTALLATION (continued)



CAUTION: Hot Surface

Exposed surfaces can be hot to the touch and may cause burns.



CAUTION: Burn Hazard

WEAR PROTECTIVE GLOVES AND GOGGLES
This procedure requires operating Water-Max™ without the tank lid. Some splashing may occur. Splashed water will be very hot.

INSTALLATION

INSTALLATION START-UP AND CHECKOUT

Countertop must be at least 17-1/2" deep to safely support the dispenser.

Before turning on power or water to Water-Max™, visually verify:

- Unit is level, air outlet guard in place, with all legs touching the counter (countertop installation); or, Wall brackets securely mounted to wall and unit properly and securely mounted to brackets (all screws tight) with outlet guard installed (wall mount installation).
- All electrical connections properly made and tightened. Water connections properly made.
- Verify faucet is properly installed in tank.

Turn on water to Water-Max™. Visually inspect unit for leaks.

Apply power to Water-Max™. Install tank on Water-Max™ shelf (leave tank lid off at this time). Press power switch to *ON* and observe operation:

- POWER INDICATOR will glow when POWER SWITCH is *ON*. TANK INDICATOR will glow when tank is properly installed.
- After a five second delay, Water-Max™ tank should begin filling. STATUS INDICATOR will glow steadily while tank is filling, indicating normal operation.
- Within the first minute of operation, and while tank is filling, **CAREFULLY** remove the tank from the shelf. Verify that water flow stops when the tank is removed.
- Reinstall the water tank. Verify that water flow stops when water reaches the water level probe.

Press power switch to *OFF*. Discard all water generated thus far by dispensing containers of water from the faucet until the tank is empty.

Remove the tank from the shelf. Install tank lid on tank.

Reinstall tank on Water-Max™. Press power switch to *ON* and allow tank to fill. Monitor time to fill and record on the *INSTALLATION CHECKOUT* form.

Test water temperature at faucet. Water should be at 202°F minimum.

INSTALLATION (continued)



WATER-MAX™ INSTALLATION CHECKOUT

To be completed by an
Authorized WELLS MFG.
Service representative

TYPE OR PRINT CLEARLY
Please use a ballpoint pen
and press hard.
Check boxes and fill in
spaces where applicable.

Authorized Service Co. _____ **Agency Invoice #** _____ **Date** _____
Address _____ **Contact Name** _____
City _____ **State** _____ **ZIP** _____ **Phone ()** _____ **Ext.** _____

Business Name _____ **Installation Requested By** _____
Address _____ **Accepted By** _____ **Store#** _____
City _____ **State** _____ **ZIP** _____ **Phone ()** _____

MODEL NO. _____ **SERIAL NO.** _____ **VOLTAGE** _____ **Ø** _____

INSTALLATION INSPECTION (☑ Check box after item is completed. Note any discrepancies.)

- | | |
|--|---|
| <p>A ☐ Accessories and components identified and accounted for</p> <p>B ☐ Compliance with Electrical Codes verified</p> <p>C ☐ Compliance with Building Codes verified</p> <p>E ☐ Verify that all protective film and packing materials have been removed</p> <p>D ☐ Water tank assembled and installed</p> | <p>E ☐ All fasteners checked for tightness</p> <p>F ☐ Unit installed on hard surface and leveled, Counter at least 17-1/2" deep, or</p> <p>☐ Wall mount unit securely installed and leveled and</p> <p>☐ Unit securely attached to wall mount</p> |
|--|---|

STARTUP INSPECTION (☑ Check box after item is completed. Note any discrepancies.)

- WATER SUPPLY**
- A ☐ Verify min. 1/4" supply line
- B ☐ Verify min. 25 psi
- C ☐ Optional Equipment (Strainer, Regulator, Water Hammer Arrestor) properly installed in supply line
- D ☐ Shut off valve installed in supply line
- E ☐ Test and record total hardness of water supply:

- ELECTRICAL SUPPLY**
- A ☐ Verify input voltage matches nameplate voltage
- B ☐ Verify dedicated 50A circuit
- C ☐ Field wiring completed
- D ☐ Unit ground stud connected to a suitable ground
- E ☐ Verify Wire #11 position matches input voltage
- F ☐ All connections at terminal block tight
- G ☐ All connections at control circuit board tight

- INSTALLATION**
- A ☐ Verify all switches / electronic controls work
- B ☐ Verify power and status indicator light operation
- C ☐ Check for leaks
- D ☐ Check tank position safety switch for operation
- E ☐ Check / adjust dispensed water temperature
- F ☐ Check time to fill tank

- DATA**
- A ☐ Record all pertinent data on *CUSTOMER SERVICE DATA* form in the *Operation Manual*
- B ☐ Record voltages and amperages at circuit breaker:
Power switch off _____ V _____ A
Water tank filling _____ V _____ A (min 35A/max. 39A)
- C ☐ Record water data: _____ psi
Total hardness _____ grain tH
Temperature _____ °F
Time to fill tank _____ min.

OPERATOR TRAINING AND OPERATIONAL INSPECTION (☑ Check box after item is completed. Note discrepancies.)

- | | |
|---|--|
| <p>A ☐ Safety features and controls identification and operation</p> <p>B ☐ Component and accessory identification</p> <p>C ☐ Discuss safety procedures</p> <p>D ☐ Demonstrate operation</p> <p>E ☐ Demonstrate cleaning the dispenser and tanks</p> <p>F ☐ Discuss preventative maintenance procedures</p> | <p>G ☐ Discuss / demonstrate food preparation</p> <p>H ☐ Explain warranty. Return copies to office and factory</p> <p>I ☐ Discuss use and availability of supplies available from the distributor</p> |
|---|--|

WATER-MAX™ INSTALLATION PERFORMED BY:

Name _____ Date _____

Time In _____ Time Out _____

Thank you for your help. This information is used to evaluate our continuing efforts in maintaining the highest quality product for you, our valued customer.

RESTAURANT OWNER, MANAGER or SUPERVISOR

Print Name _____

Signature _____

INSTALLATION

INSTALLATION (continued)



CAUTION: Hot Surface

Exposed surfaces can be hot to the touch and may cause burns.

START-UP TROUBLESHOOTING

Power indicator not lit.

- Verify electrical power is properly hooked-up to Water-Max™ and circuit breaker is turned *ON*.
- Verify power switch is turned *ON*.
- Verify that water tank is properly in place and mated with the receptacle.
- Verify water supply is properly installed, is turned on, and is providing at least 25 p.s.i.

Error indicator flashing. Tank is not filling.
(Check Error Code in View Port)

- Possible cause; sufficient inlet water pressure is *not* sensed during tank filling:
Be sure water supply is adequate during all phases of operation. Other equipment on the water line may be robbing water volume and/or pressure from Water-Max™. Also, be sure any supply line filters are clean.
- Possible cause; sufficient temperature rise is *not* sensed between inlet and output water while tank is filling:
Be sure electrical supply voltage remains at rated value during all phases of operation. Otherwise, refer to Service Instructions, page 16.

Water-Max™ will not flow water from the dispense nozzle.

- Verify that power indicator is lit, and status indicator is not flashing. Check that tank is properly positioned and that the tank indicator is lit.
- Verify that the water tank is in place holding the tank position momentary switch *ON*;
- Verify that the water level is below the water level sensor. If water level is low, verify that the water level sensor and surrounding area are clean and free from lime and scale. To clean, drain and remove tank. Remove lid. Clean around probe then reinstall lid on tank and tank on Water-Max™. See Cleaning Instructions, page 15.

The water tank heater will not heat:

- Verify the water tank connector is fully mated with the receptacle. The tank indicator will glow when the tank is properly installed.
- Verify power switch is *ON*.
- Check ohms at connector on tank: L1 to L2 = 144Ω

Status Indicator Flashing:

Water-Max™ control board has encountered an error condition. Read error code through view port. Refer to page 19 for error code meanings and suggested remedial action.

USING WATER-MAX™

Water-Max™ is used to dispense hot water for food preparation.

Set-Up and Usage

Install the water tank on the Water-Max™ shelf.

Make sure that the tank is properly positioned, that the connector is seated and that the dispensing nozzle lowered into position in the water tank lid.

Press the power switch to *ON* and allow the water tank to fill with hot water.

Status indicator will glow when the tank is filling.

Status indicator will go out when the tank is full.

Place an appropriate container under the faucet. Being careful to not overflow the container, pull the faucet handle to dispense hot water.

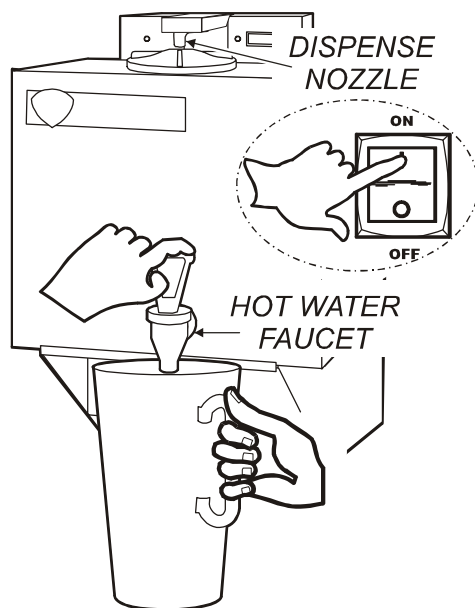


Fig. 6 Water-Max™ Operation

To Keep Water in Tank Hot

Leave the power switch *ON*. Water-Max™ will maintain tank water temperature at 202°F minimum, and will be ready to dispense hot water.



WARNING: BURN HAZARD

Water-Max™ is designed to operate with a matching 5 gal. water tank only. Do not hold anything other than the matching water tank under the dispensing nozzle. Splashing hot water will cause serious burns.



GENERAL GUIDELINES

NEVER hold or place anything, other than the proper tank, under the dispense nozzle. Draw water only from the hot water faucet of the water tank.

NEVER attempt to remove or carry a water tank while full of water.

NEVER attempt to operate Water-Max™ without the lid properly installed on the water tank.



CAUTION: Hot Surface

Exposed surfaces can be hot to the touch and may cause burns.

IMPORTANT:
If water temperature will not rise out of the RED zone, Water-Max™ must be delimed. See page 14.

CLEANING & DELIMING INSTRUCTIONS**CAUTION:
BURN HAZARD**

Water in Water-Max™ is
EXTREMELY HOT!
Use care when draining tank.

**CAUTION:
HOT SURFACES**

Exposed surfaces can be hot
to the touch and may cause
burns.

**CAUTION:
SHOCK HAZARD**

DO NOT submerge tank in
water

IMPORTANT:
DO NOT use bleach,
abrasive cleansers or
cleansers containing
chlorides.

CLEANING - DAILY**1. Wipe down unit**

- Spray a clean, sanitizer-soaked towel with TITAN Solution.
- Wipe exterior surfaces.

CLEANING - WEEKLY**DELIMING WATER-MAX™**

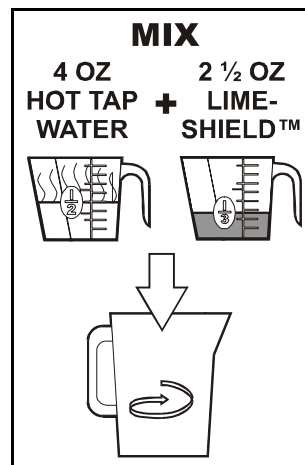
Delime Water-Max™ WEEKLY, or when:

- The DELIME indicator light glows; or,
- The water nozzle temperature is consistently below 197°F.

1. Drain 1 GALLON from TANK.

- Press POWER SWITCH to OFF.
- Use plastic pitcher to drain 1 gallon from water tank. Dump pitcher of water into sink.
- Check the SOLUTION BOTTLE. If it is cracked or distorted, replace it with a new bottle.

IMPORTANT: Delime with **LIIMESHIELD™** Scale and Food Soil Inhibitor only! (PCN 0021023) A graduated scoop is provided in the LIMESHIELD container.



CLEANING & DELIMING INSTRUCTIONS (continued)

Deliming Water-Max™ Continued

2. Mix LIMESHIELD™

- Measure 1/2 cup (4 ounces) of hot tap water. Pour this into the 1 gallon pitcher.
- Measure 1/3 cup (2.5 ounces) of LIMESHIELD powder is completely dissolved.
- When foaming stops, swirl solution to insure the LIMESHIELD power is completely dissolved.

3. Insert bottle in Water-Max™ quick-disconnect fitting.

- Use the funnel provided with the Water-Max™ to pour the solution into the solution bottle.
- Screw quick-disconnect dispenser cap onto solution bottle. Dispenser cap is chained to top of Water-Max™.
- The quick-disconnect fitting is located on the left top of the Water-Max™. Press the latch until it “clicks” open.
- Turn the solution bottle over. Insert bottle quick-disconnect fitting on the bottle into Water-Max™ quick-disconnect fitting. Press solution bottle down until the latch “clicks”, lock the solution bottle in place.

4. Squeeze solution into Water-Max™.

- Squeeze solution bottle and force deliming solution into Water-Max™ until empty.

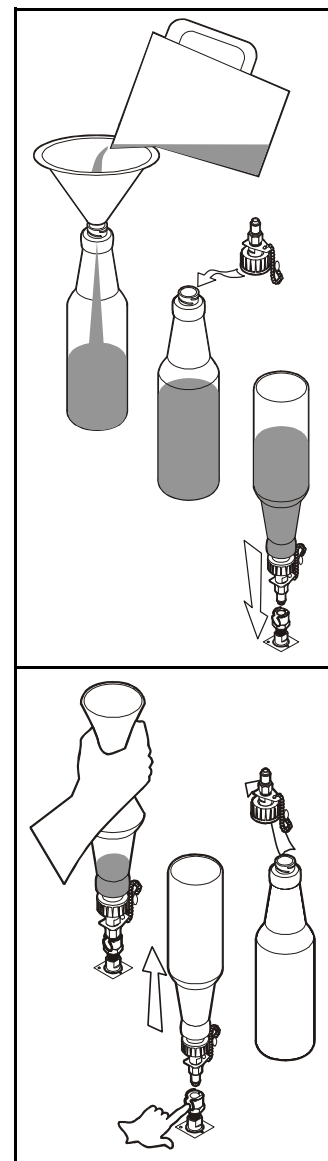
5. Remove and rinse solution bottle.

- Press latch on tank quick-disconnect fitting until it “clicks” to release the solution bottle. Lift solution bottle straight up
- Unscrew quick-disconnect cap allowing solution bottle to return to shape.



**CAUTION:
BURN HAZARD**

Water in Water-Max™ is
EXTREMELY HOT!



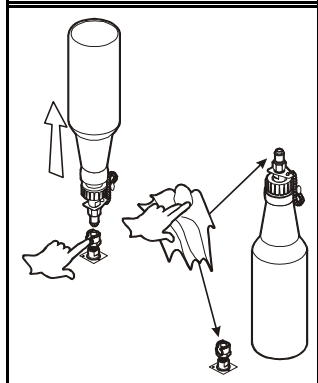
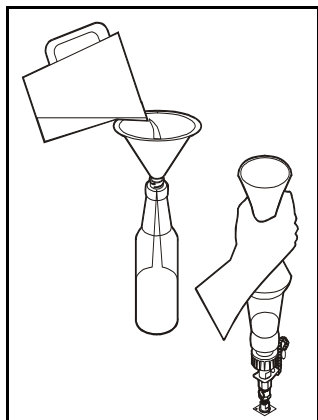
USE AND CARE

CLEANING & DELIMING INSTRUCTIONS (continued)



CAUTION: BURN HAZARD

Water in Water-Max™ is
EXTREMELY HOT!



Deliming Water-Max™ Continued

6. Fill bottle with tap water and wait 10 minutes.

- Rinse solution bottle with warm tap water.
- Fill solution bottle 2/3 full with warm tap water and reattached quick-disconnect cap.
- Wait 10 minutes. Insert solution bottle in quick-disconnect fitting. Push down on bottle until latch "clicks".
- Squeeze bottle, rinsing quick-disconnect fittings and forcing deliming solution into the tank.
- Press the small plunger on the Water-Max™ quick-disconnect to release the latch. While pressing button, lift solution bottle straight up. Press the valve on the solution bottle fitting to allow bottle to return to shape.

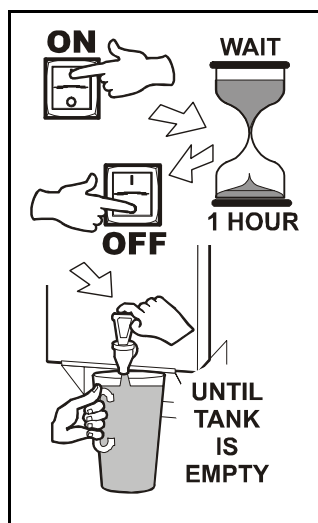
7. Wipe fittings.

- Wipe both quick-disconnect fittings with a soft cloth.

The quick disconnect fitting are now ready for the next deliming session.

8. Soak tank for 1 Hour and drain.

- Press power switch to **ON**. Water-Max™ will dispense water and any remaining deliming solution into tank.
- When Water-Max™ stops dispensing, press power switch to **OFF**. Allow Water-Max™ to set for 1 HOUR with deliming solution in tank.
- After 1 hour, drain pitchers of water from tank until tank is empty.
- Pour all water and solution from tank into a sink.



CLEANING & DELIMING INSTRUCTIONS (continued)

Deliming Water-Max™ Continued

9. Remove tank and lid.

- Remove tank from Water-Max™.
- Remove tank lid from tank. Wash, rinse, and sanitize tank lid in the 3-compartment sink. Allow to air dry. Store tank lid for later use.

10. Clean tank.

- Using a standard green scrub pad, clean all scale and lime from the tank and water level probe.

NOTE: The water level probe is located in the tank, in the back right corner near the top.

If tank comes clean, proceed to tank rinsing below; otherwise see *Overnight Tank Cleaning*.

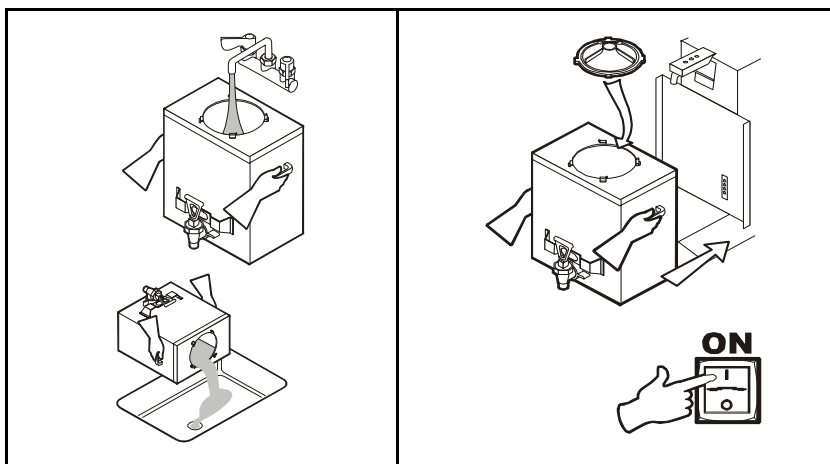
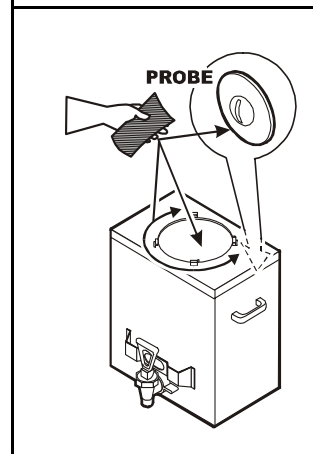
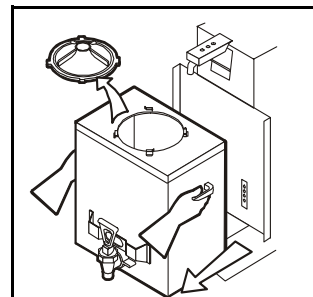
11. Rinse and reinstall tank.

- Rinse tank thoroughly at least twice. Pour all rinse water into a sink.
- Reinstall tank lid on tank.
- Reinstall tank on Water-Max™ shelf. Make sure tank connector is fully seated in socket.
- Press power switch to **ON**. After a short delay, tank will begin filling.



CAUTION:
SHOCK HAZARD

DO NOT submerge tank in water.



CLEANING INSTRUCTIONS - OVERNIGHT TANK CLEANING



CAUTION: SHOCK HAZARD

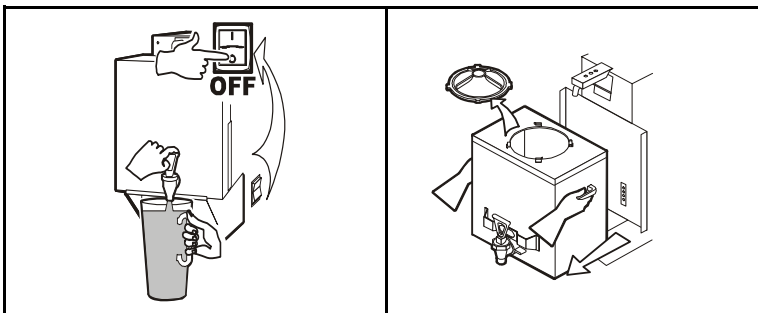
DO NOT submerge tank in water.

OVERNIGHT TANK CLEANING

Perform overnight cleaning if Deliming Procedure does not remove scale and calcium deposits from water tank.

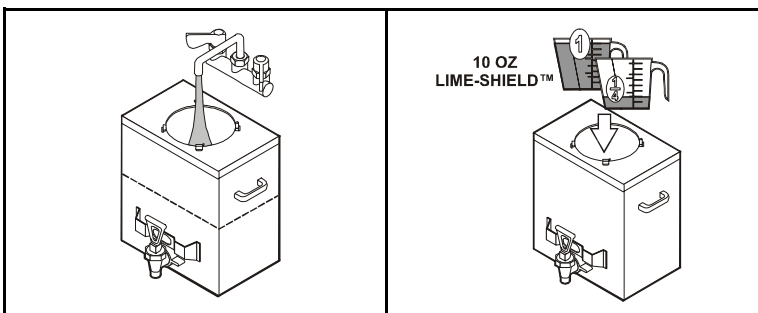
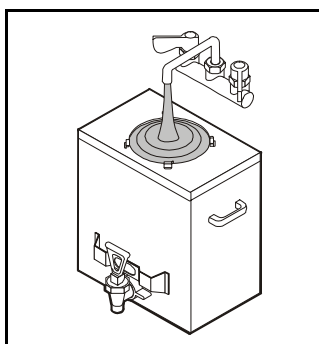
1. Drain and remove tank.

- Press power switch to the *OFF* position.
- Drain and remove tank from Water-Max™.
- Remove tank lid from tank. Wash, rinse, and sanitize tank lid in the 3-compartment sink. Allow to air dry. Store tank lid for later use.



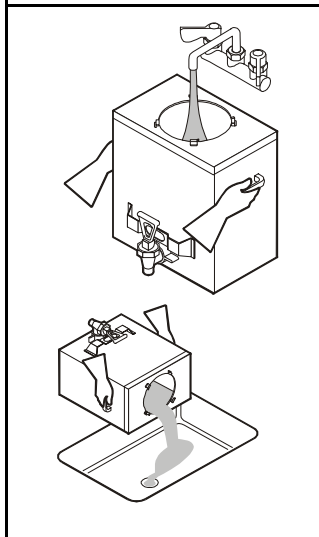
2. Mix LIMESHIELD™ in tank.

- Fill tank half full with hot tap water.
- Pour 1-1/4 cup (10 ounces) LIMESHIELD™ powder into tank. Allow to dissolve completely.



3. Soak overnight.

- When foaming stops, fill tank to rim with hot tap water. Let the solution soak in the tank overnight.
- After soaking in the tank overnight, carefully drain tank. Loosen scale deposits with scrub pad. Remove large scale deposits through top of tank.



4. Rinse twice and reinstall tank.

- Rinse tank thoroughly at least twice. Pour all rinse water into a sink.
- Put tank lid back on tank.
- Reinstall tank on Water-Max™. Make sure tank connector is fully seated in socket.
- Press power switch *ON*. After a short delay, tank will begin filling.

CLEANING INSTRUCTIONS - FAUCET & TANK SCREEN

CLEANING - MONTHLY

Clean Faucet

1. Drain and remove tank.

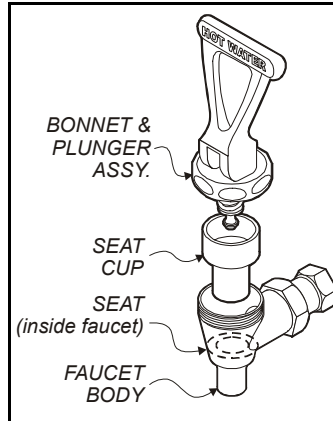
- Press power switch to the *OFF* position.
- Drain all water from tank into pitcher. As each pitcher is full, turn faucet off and dump pitcher of water into sink. It will take approximately 6 pitchers to completely empty tank.
- Remove tank from hot water dispenser.

2. Disassemble

- Disassemble faucet by unscrewing bonnet. Pull straight up on handle to remove the bonnet assembly.

3. Clean seat and seat cup.

- Clean seat and seat cup by wiping with a clean sanitized-soaked towel. Use a stiff bristle brush to remove any heavy deposits around the seat or inside the faucet body.



4. Reassemble.

- Reassemble and reinstall faucet.
- Reinstall tank on Water-Max™ shelf. Press power switch to *ON* position.



**CAUTION:
BURN HAZARD**

Water in Water-Max™ is
EXTREMELY HOT!

Clean Tank Screen

1. Drain and remove tank.

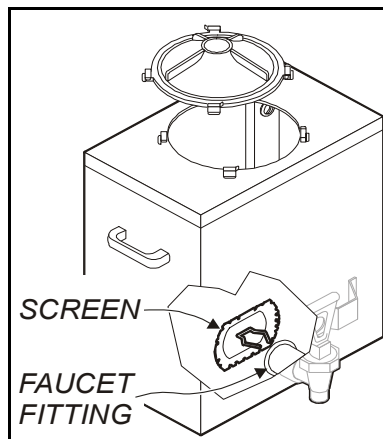
- Press power switch to the *OFF* position.
- Drain all water from tank into pitcher. As each pitcher is full, turn faucet off and dump pitcher of water into sink. It will take approximately 6 pitchers to completely empty tank.
- Remove tank from hot water dispenser.
- Remove tank lid.

2. Remove and clean screen.

- Clean screen with a bristle brush.

3. Reinstall screen.

- Reinstall screen in faucet fitting.
- Replace lid on tank.
- Reinstall tank on Water-Max™ shelf.
- Press power switch to the *ON* position.



TROUBLESHOOTING SUGGESTIONS

Problem	Possible Cause	Suggested Remedy
Power indicator not lit	• Water-Max™ not connected to power	• Check circuit Breaker
	• Power switch <i>OFF</i>	• Press power switch to <i>ON</i>
	• Insufficient water supply	• Check water supply turned <i>ON</i> and supplying at least 25 p.s.i.
	• Blown Fuse	• Contact maintenance
Tank indicator not lit	• Tank not properly seated in socket	• Check tank for proper installation
Status indicator flashing	• ERROR detected—water pressure insufficient	• Check water supply turned <i>ON</i> and supplying at least 25 p.s.i.
	• ERROR detected—temperature rise between inlet and outlet insufficient	• Be sure voltage is maintained during all phases of operation
	• Low supply water pressure condition	• Turn power switch <i>OFF</i> . Wait 20 seconds. Turn power switch <i>ON</i> . If unit resets and status indicator comes on without flashing, error was (probably) a low water condition. Otherwise, contact maintenance.
No water flow from dispenser nozzle (power indicator lit, status indicator not flashing)	• Tank is full	• Normal operation
	• Tank is sensed as full, but is actually low	• Clean water level probe
	• Tank not properly installed	• Check tank for proper installation
Inductive heater operates intermittently	• Internal hi-limit tripping	• Be sure all cooling openings and louvers are unobstructed.
	• Cooling fan dirty or obstructed	• Contact maintenance
Water tank will not heat	• Tank not properly installed (tank indicator not lit)	• Check tank for proper installation
Water faucet leaks	• Debris in faucet seat	• Clean faucet
	• Damaged seat cup	• Contact maintenance
Water temp below 197°F	• Scale build-up in unit	• Delime unit
Water flow is slow	• Scale build-up in unit	• Clean and/or delime unit
No flow from faucet	• Plugged tank screen	• Clean tank screen

OPERATIONAL NOTES

Water-Max™ will not operate if water pressure is less than 25 p.s.i. If Water-Max™ shuts down (status light flashes) for no apparent reason, other equipment on the water line may be robbing water pressure and/or volume from Water-Max™.

ERROR CODES are displayed on the control board readout, visible through the view port on the upper right side of the dispenser. To reset error code:

- Turn Power *OFF*. Wait 20 seconds
- Turn power *ON*.
- If error code does not reset, contact the **National Service Cooperative** at **1-800-298-1862** for the Wells Authorized Service Agency nearest you.

* Order LIMESHIELD™ Scale and Food Soil Inhibitor using PCN 0021023.

SAFETY FEATURES & ERROR CODES

SAFETY FEATURES

Water-Max™ will not flow water from the dispense nozzle unless the water tank is in place. (Error lamp and audible alarm on continuously.)

Water-Max™ will not dispense into a full water tank.

The water tank heater will not heat unless the connector on Water-Max™ is fully mated with the tank receptacle. The heater on the water tank is protected by an over-temp safety switch which will disable the heater if the tank is allowed to run dry.

Water-Max™ cannot be energized (green power light will not be lit) unless sufficient inlet water pressure is sensed.

Water-Max™ will go into error mode unless sufficient temperature rise is sensed between inlet and output water while in the heating mode.

Water-Max™ will go into error mode and stop dispensing after approximately 96 minutes of continuous operation (i.e. 96 minutes without sensing a "tank full" condition).

ERROR CODES

- 1** Open or disconnected INPUT TEMPERATURE thermocouple.
 - Check connections at control board.
 - Check continuity of input temperature probe*.
- 2** Open or disconnected HEATER TEMPERATURE probe
 - Check connections at control board.
 - Check continuity of heater temperature probe*.
- 3** Open or disconnected OUTPUT WATER TEMPERATURE thermocouple.
 - Check connections at control board.
 - Check continuity of output temperature probe*.
- 4** Insufficient WATER TEMPERATURE RISE
Must exceed 14°F rise in 20 seconds.
 - Verify input water pressure does not exceed 40 p.s.i.
 - Verify input voltage. Delime unit.
 - Check resistance for both thermocouples (2-5 Ω), plus thermocouple leads to heater (0-2 Ω). A shorted thermocouple, or one detached from the heater, will cause an error 4*.
- 5** DISPENSE ERROR. Exceeds 60 liters of continuous flow.
Turn power off. Wait 20 seconds. Turn power back on.
- 6** Heater Safety Thermostat Open
 - Fan not operating or dirty
- 7** DELIME ERROR
 - Delime unit

* A short or loss of continuity in heater, input or output thermocouple requires replacement of the inductive heater assembly. Field repair of the heater is not recommended.

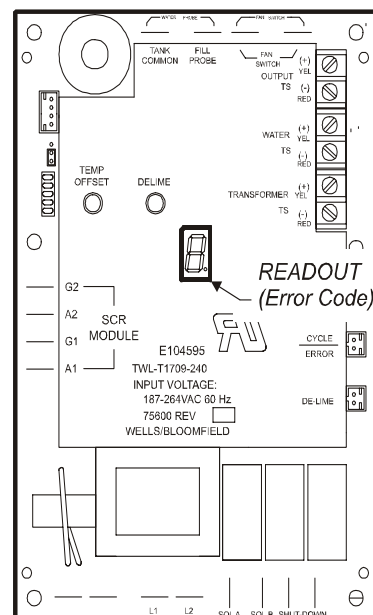


CAUTION: SHOCK HAZARD

Removal of the top, front or side panels results in exposed electrical circuits. Any procedure requiring the removal of a panel must be performed by a **qualified technician only**.

NOTE: There is a 5 second delay between the time the power switch is turned on and the time Water-Max™ begins operation.

NOTE: Error codes are displayed on the control circuit board readout.



To reset an error code, correct the cause of the error, then press the power switch to **OFF**. After 20 seconds, turn the power switch back **ON**.

NOTE: *Initial startup* may require multiple resets of code 4 condition.

CALIBRATING TEMPERATURE



CAUTION:
SHOCK HAZARD

Removal of the top, front or side panels results in exposed electrical circuits. Setting the temperature must be performed by a *qualified technician only*. Use care whenever working around exposed electrical circuits.

NOTE:

Refer to Table 1 below right. The practical maximum temperature is the local boiling temperature (based on the altitude of the installation) minus 10°F. If the stream is "sputtering", water temperature is set too high, allowing steam to form in the water flow. Set TEMP OFFSET lower to compensate.

Remove TOP PANEL. Insert the thermocouple of a digital thermometer at least 4" into DISPENSER NOZZLE.

Install WATER TANK under DISPENSER NOZZLE. Press POWER SWITCH to ON.

Run and discard at least one full tank of hot water to allow dispenser temperatures to stabilize.

Temperature is factory set for 202°F. Turn TEMP OFFSET on the CONTROL CIRCUIT BOARD so that temperature on digital thermometer reads 202°F.

Press POWER SWITCH to OFF.

Upon completion of temperature adjustment, properly reinstall all panels.

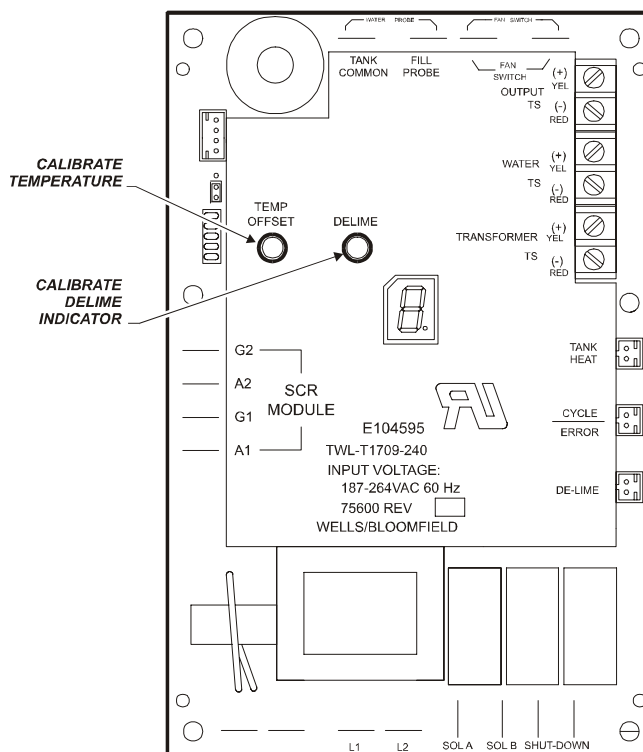


Fig. 7 Control Board

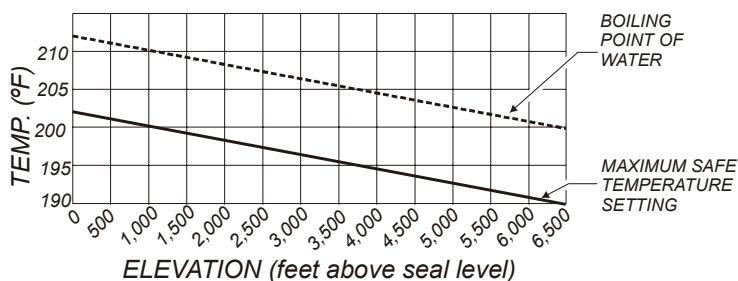


Table 1 Boiling Point of Water at Different Altitudes

CALIBRATE DELIME INDICATOR

TEST / ADJUST DELIME SENSOR:

Reconnect Water-Max™ to electric power.

Remove the plastic cover from the tank, then reinstall the tank on the tank shelf. Tank must be empty to begin test.

Insert the thermocouple of a digital thermometer approximately 6" into the spout. Be sure thermocouple is into the silicone tube section. Press the power switch ON. Observe the action of the DELIME LED.

See *Figure 7*, page 20.

Adjust TEMP OFFSET until the water at the spout is a steady 197°F. *Allow at least 30 seconds of flow.*

DELIME LED should just begin to flash as the water temp decreases to 197°F. If not; adjust DELIME SLOWLY until the DELIME LED just starts to flash at 197°F.

Re-adjust TEMP OFFSET until the water at the spout is a steady 204°F (minimum).

Reinstall the support cover.

Turn Water-Max™ OFF. Remove the thermocouple. Drain and remove the tank.

Reinstall the plastic cover on the tank.

Reinstall the tank on the tank shelf. Turn POWER SWITCH ON.

Observe the tank fill and water flow stop. Draw water from the tank and allow the tank to refill several times to verify operation.



CAUTION: BURN HAZARD

Dispensed water is hot. Use care to avoid splashing or spills.

IMPORTANT: For each step or adjustment during calibration, allow at least 30 seconds of flow so that water temp will have time to stabilize.

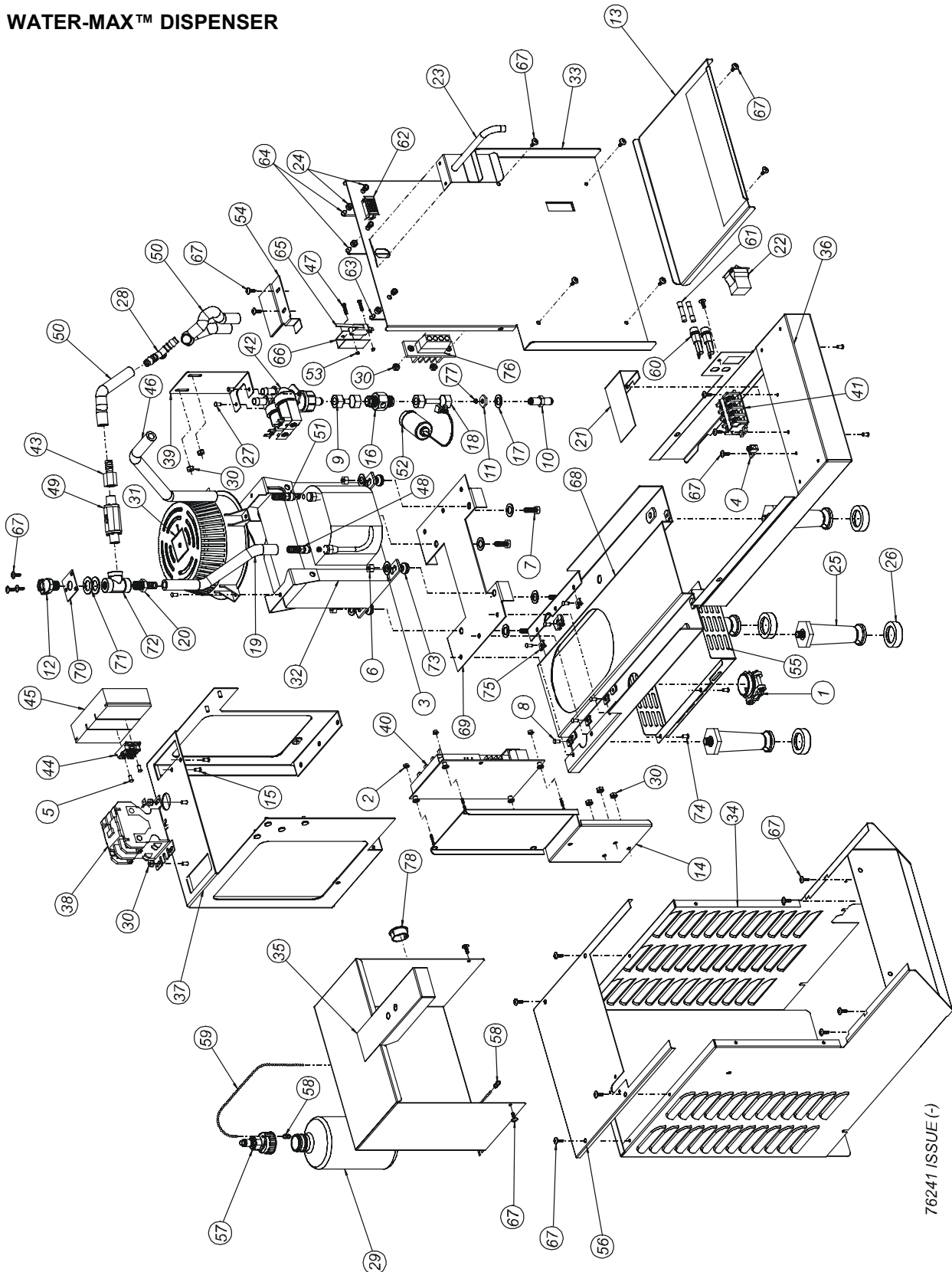
EXPLODED VIEW & PARTS LIST - DISPENSER

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	500102	STRAIN RELIEF	1	51	85772	ASSY THERMOCOUPLE & FTTG	1
2		NUT KEPS ZI 6-32	4	52	85247	PRESSURE SWITCH	1
3		WASHER FLAT 1/4 SS	8	53		NUT, HEX 4-40 SS	2
4		GROUND LUG	1	54		ASSY SPOUT BRACKET	1
5		SCREW, PN PH NI #8 X 1/4	2	55		CHANNEL, AIR FLOW	1
6		NUT LOCK 1/4-20 ZI	4	56		TOP COVER, WATER-MAX	1
7		BOLT HEX SS 1/4-20 X 1 1/4	4	57	85260	ASSY QUICK DISCONNECT	1
8	8942-20	SCREW #8 X 5/8 PH PN SMS NI	6	58		LINK, SPLICING #3 CHAIN	2
9	81818	TUBE ASSY	1	59		CHAIN, 10", #3	1
10	8812-57	FITTING UNION 1/4 X 1/4 MF	1	60	83163	FUSE HOLDER	2
11	8710-10	NUT HEX BR 7/16-20 X 1/8	1	61	83164	FUSE 10A	2
12	85259	QUICK DISCONNECT FITTING	1	62	84784	LIGHT, PILOT, GREEN	1
13		SHELF, TANK, WATER-MAX	1	63	84660	LED ASSY, RED ERROR IND.	1
14		BRACKET, BOARD MOUNTING	1	64	85750	LED ASSY, GREEN DELIME/TANK	2
15		SCREW PH #6 X 5/8 SHT MTL	2	65	84746	SWITCH, MINIATURE, 15A	1
16		TEE 1/4F X 1/4F X 1/8NPT	1	66	74799	GUARD, SWITCH	1
17	8551-100B	WASHER SS 7/16 ID X 3/4 OD	1	67		SCREW 8AX1/2 SS TR PH SF TP	25
18		TUBE ASSY	1	68		FRAME BASE	1
19	86229	TUBE BRAIDED .38ID X 8" LG	1	69		PLATE, IND HEATER MTG	1
20		FITTING SS 1/4MPT X 3/8 BARB	1	70		QD PLATE, WATER-MAX	1
21		SHIELD, TERMINAL BLOCK	1	71		WASHER, .59 ID X 1"OD X .60 SS	2
22	82936	SWITCH, ROCKER 208/240V	1	72		TEE, SS 1/4 X 1/4 X 1/4 FPT	1
23		ASSY SPOUT, WATER-MAX	1	73		GROMMET, .25ID X .38OD	4
24		MOUNTING CLIP & RING	3	74		SCREW PH PN SS 8-32 X 5/16	7
25	85160	LEG 4" DIE CAST, NICKEL PLT	4	75	8543-23	NUT TINNEMAN	6
26	83107	FEET, RUBBER, BLACK	4	76	84548	CONNECTOR, WIRED ASSY	1
27		SCREW PN SS 4MM X 6MM	2	77	83432	SEAL, 1/4 FLARE	3
28	83450	FITTING, WYE	1	78	84212	CLAMP, HOSE 11/16 PLASTIC	9
29	85377	BOTTLE, DELIMING	1	79	84897	CORD ASSY (OPTIONAL)	1
30	8942-92	NUT KEP 8-32 SS	9				
31	84283	FAN ASSY	1				
32	84015	INDUCTION HEATER	1				
33		ASSY FRONT PLATE	1				
34		ASSY WRAPPER	1				
35		ASSY COVER FRONT PLATE	1				
36		COVER, BASE, WATER-MAX	1				
37		FRAME WALLS	1				
38	84282	CONTACTOR	1				
39		BRACKET, SOLENOID	1				
40	85600	POWER BOARD GEN II	1				
41		TERMINAL BLOCK, 4 POLE 65AMP	1				
42	85082	WATER INLET SOLENOID	1				
43		FITTING SS, 1/4FPT X 3/8 BARB	1				
44	84041	SCR MODULE	1				
45	part of 84041	HEAT SINK	1				
46	84043	TUBE, SILICONE .312 ID	1				
47		SCREW, 4-40 X 5/8 SS	2				
48	84073	FITTING, SS 1/4 MF X 3/8 BARB	1				
49	84074	CHECK VALVE 1/4 X 1/4 MPT	1				
50	86228	TUBE, BRAIDED 3/8 ID X 4.5" LG	3				

76241 ISSUE (-)
REPLACES 74931 & 75547

EXPLODED VIEW & PARTS LIST - DISPENSER (continued)

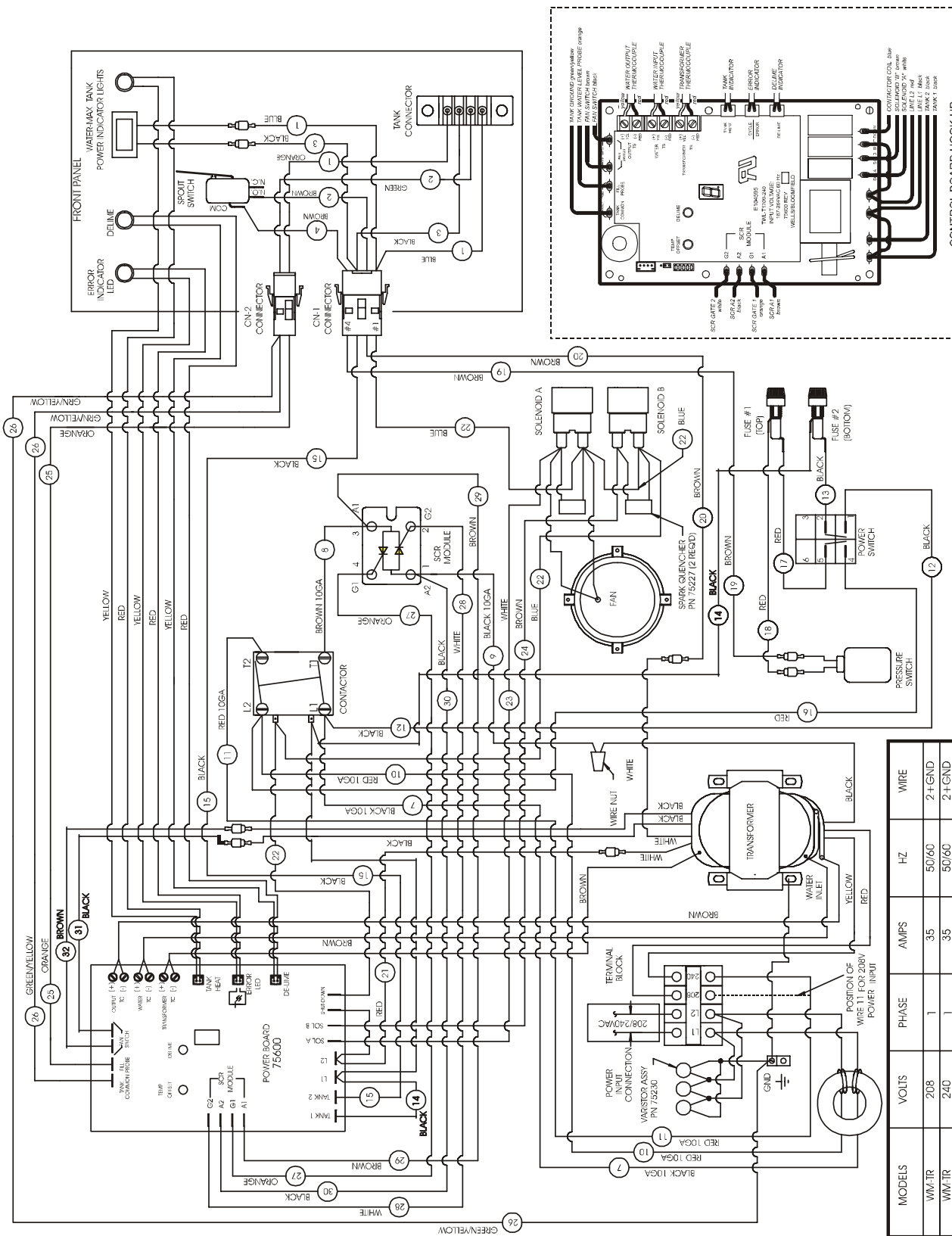
WATER-MAX™ DISPENSER



76241 ISSUE (-)

SERVICE

WIRING DIAGRAM - DISPENSER



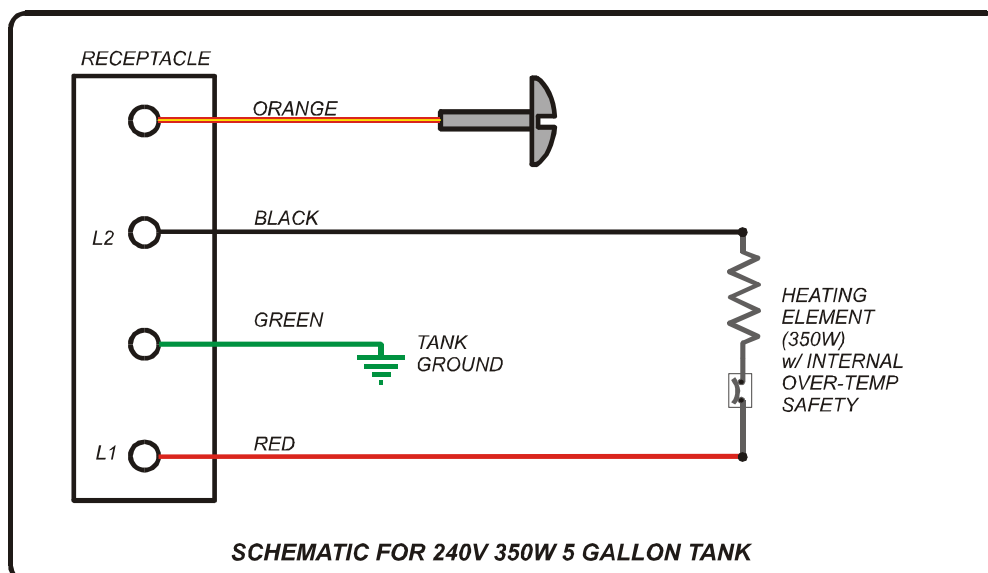
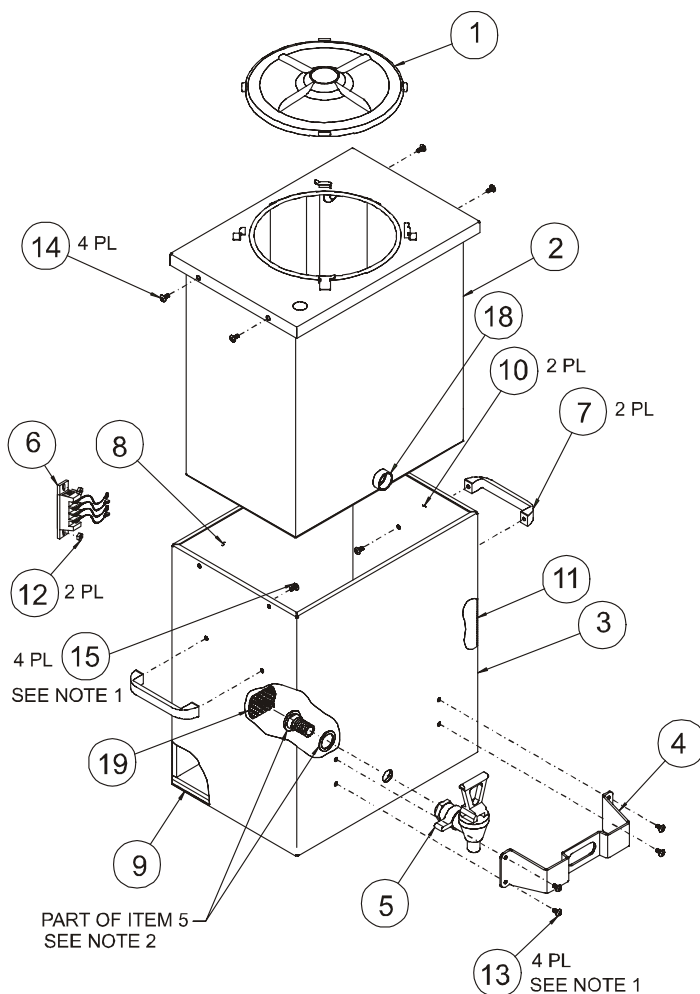
MODELS	VOLTS	PHASE	AMPS	HZ	WIRE
WM/TR	208	1	35	50/60	2+GND
WM/TR	240	1	35	50/60	2+GND

EXPLODED VIEW, PARTS LIST & WIRING DIAGRAM - 5 GALLON TANK

19		SCREEN	1
18		SPACER	1
17		TAPE, TEFLON	A/R
16		THREADLOK, RED	A/R
15		SCREW, THD CUTTING, SS 10-24 X 1/2	4
14		SCREW, #8A X 1/2 22 TR PH	4
13		SCREW, #8A X 1/2 BLACK OXIDE	4
12	8942-92	NUT, KEP 8-32, SS	2
11		INSULATION, FRONT	1
10		INSULATION, SIDE	2
9		INSULATION, BOTTOM	2
8		INSULATION, REAR	1
7	51973	HANDLE, DOOR	2
6	84583	RECEPTACLE, WIRED ASSY	1
5	84686	FAUCET & SHANK ASSY	1
4	84313	HANDLE, FAUCET GUARD	1
3		ASSY WRAPPER	1
2		ASSY TANK RESERVOIR DWG	1
1	84659	TANK LID ASSY, SRL-DP	1
ITEM	PART NO.	DESCRIPTION	QTY

NOTES:

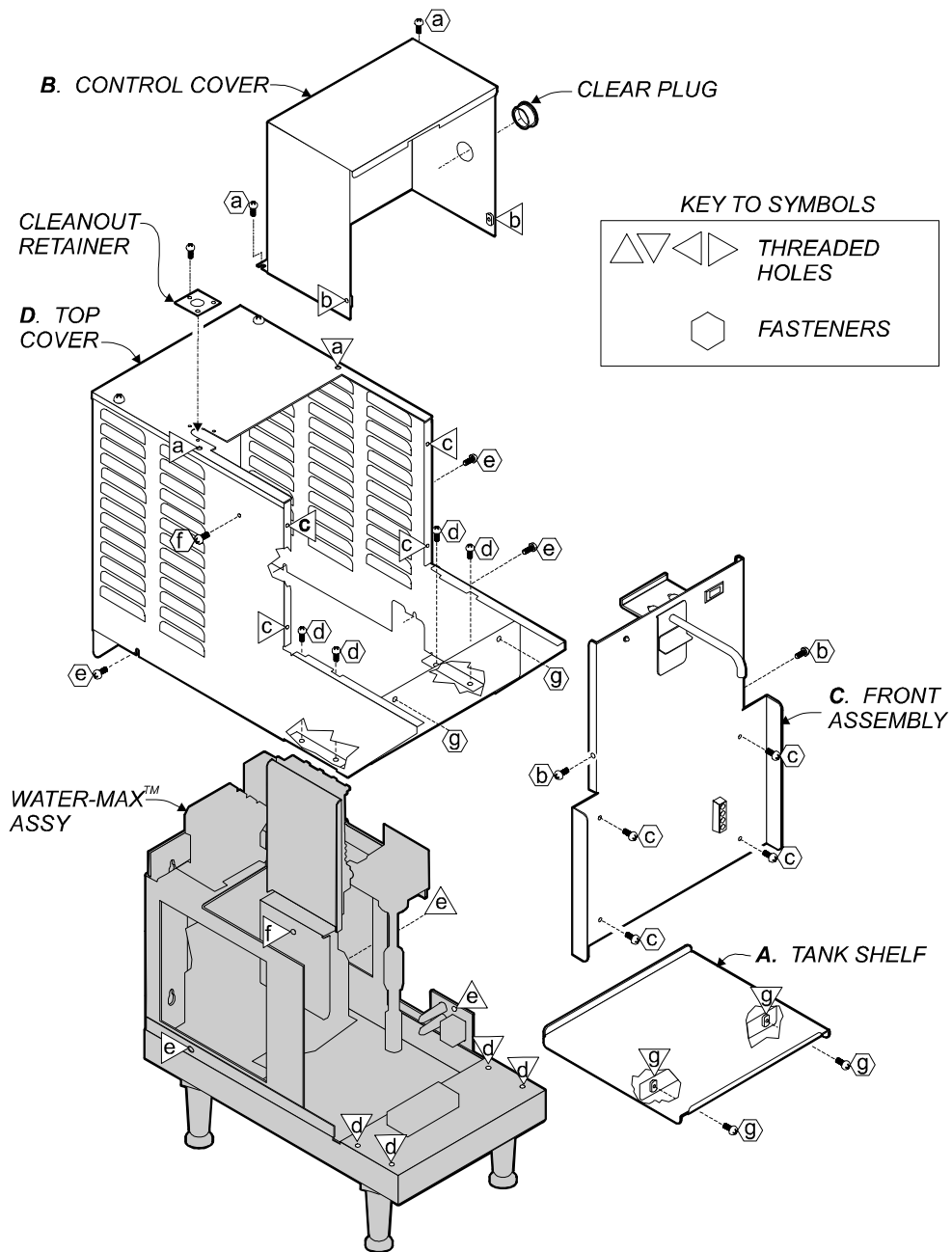
1. APPLY RED LOCTITE TO THREADS OF ITEMS 13 & 15 BEFORE INSTALLING.
2. APPLY APPROXIMATELY TWO TURNS OF TEFLON TAPE (ITEM 17) TO THREADS OF FERRULE (PART OF ITEM 5) PRIOR TO ASSEMBLING FAUCET.



SERVICING INSTRUCTIONS

THE FOLLOWING COMPONENTS MAY BE SERVICED IN-STORE

CABINET COMPONENTS



CABINET COMPONENTS

A. TANK SHELF

1. Removal
 - a. Remove two screws (g).
 - b. Lift the front of the tank shelf until the rear lip clears the front assembly.
 - c. Lift the tank shelf off.
2. Installation
 - a. Hold tank shelf vertically. Slide rear lip under front assembly.
 - b. Rotate tank shelf to the horizontal position. The left and right lips go on the outside of the wrap. The flange with the weldnuts (g) goes behind the front web of the wrap.
 - c. Insert and tighten two screws (g).

B. SUPPORT COVER

1. Removal
 - a. Remove two screws (a) from top cover, and two screws (b) from front assembly.
 - b. Lift support cover straight up to remove.
2. Installation
 - a. Lower support cover into position. The left and right lips of the front assembly go on the outside of the support cover. The front lip of the support cover hooks over the outside of the front assembly.
 - b. Install and tighten two screws (a) into the top cover, and two screws through the lips of the front assembly into the support cover.

C. FRONT ASSEMBLY

1. Removal
 - a. Remove the support cover (See B. above).
 - b. Remove four screws (c) from the front of the front assembly.
 - c. Disconnect the electrical connector for the front assembly. Disconnect the three indicator LED connectors from the control board (see drawing at right). Disconnect the nozzle supply hose from the inductive heater by gently working the hose off of the barbed fitting.
 - d. The front assembly may now be removed.
2. Installation
 - a. Reconnect the nozzle supply hose by gently working the hose onto the inductive heater barbed fitting, making sure it is fully seated. Reconnect the electrical connector for the front assy. It is keyed and will only connect one direction. Reconnect the three indicator LED connectors to the power board. Observe the locating tab to ensure proper connection.
 - b. Set the front assembly in position and reinstall four screws (c).
 - c. Reinstall support cover and tank shelf as detailed above.



WARNING Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.

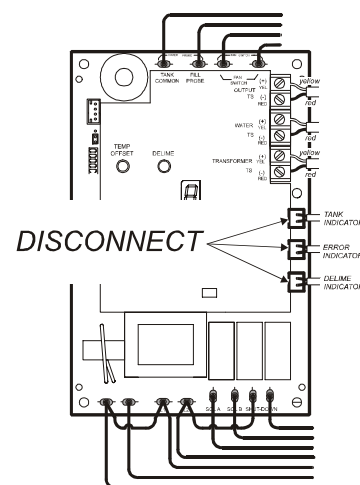
IMPORTANT

Shut off water supply before performing any service to Water-Max™

TOOLS REQUIRED:

#2 Phillips Screwdriver

Container to hold fasteners



SERVICING INSTRUCTIONS (continued)

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners

Note: Be careful to avoid scraping, trapping or pinching wires as the wrap is lowered over the frame.

D. TOP COVER AND WRAP ASSEMBLY

Note: For the purpose of servicing Water-Max™, the top cover and wrap may be removed as a unit.

1. Removal

- a. Remove the tank shelf, support cover and front assembly. (see A., B. and C., page 25).
- b. Remove four screws (d) from the area beneath the shelf.
- c. Remove screw (f) from power board support.
- d. Loosen three chassis screws (e).
- e. Remove three screws holding delime fitting retainer.
- f. Work the wrap off of the frame and delime fitting. Be aware of wiring or connectors which may hang-up in the cooling louvers.

2. Installation

- a. Work the wrap over the frame. Gently work the slot in the top cover over the delime fitting. Delime retainer must be on top of the wrap. The recessed side flanges of the lower cover must be on the inside of the wrap.
- b. Reinstall three screws a delime retainer, four screws (a) at top of the wrap and four screws (d) in the area beneath the shelf.

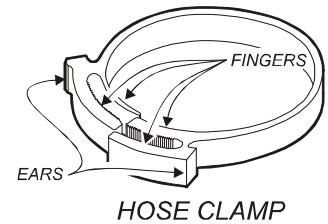
SERVICING INSTRUCTIONS (continued)

HOSE CLAMPS

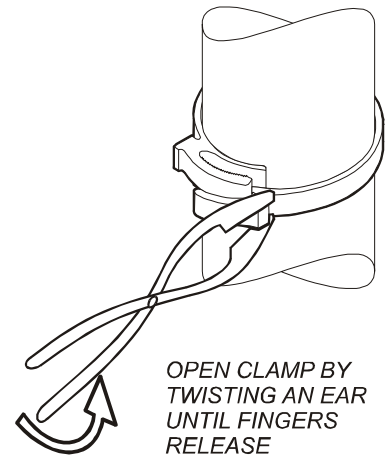
1. Hose clamps used on Water-Max™ are reusable.
DO NOT cut hose clamps.

TOOLS REQUIRED:

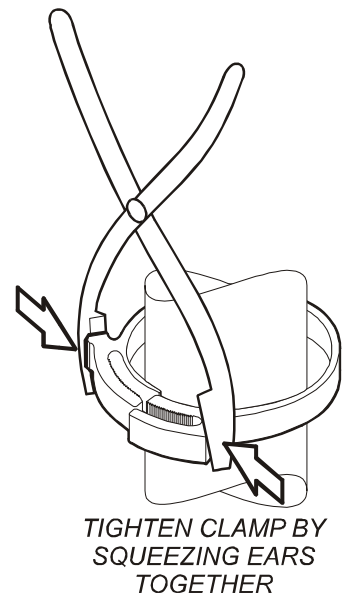
Needle Nose Pliers



2. Open clamp by twisting an ear until the fingers slide past one another and release.



3. Tighten clamp by squeezing ears together.



SERVICING INSTRUCTIONS (continued)



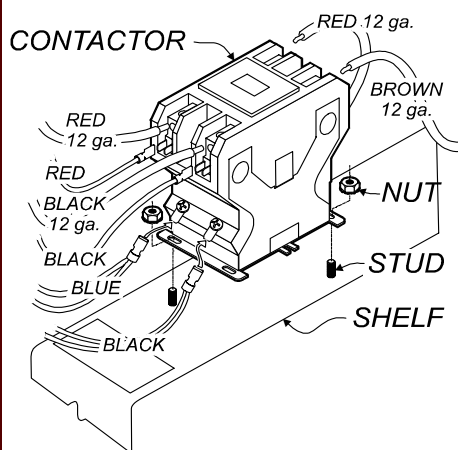
WARNING

Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners
Flat Blade Screwdriver
Needle Nose Pliers
11/32" Nut Driver



CONTACTOR

Repair time not to exceed 0.5 hour

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove top cover and wrap (see page 28)
2. Note position of wires on contactor.
3. Disconnect old contactor:
 - a. Disconnect wires from contactor.
 - b. Remove two self-locking nuts holding contactor to shelf. Lift old contactor off of studs; discard old contactor.

C. Installation

1. Note orientation of contactor. The two coil screws point toward the left.
2. Slide contactor mounting holes over studs. Secure with self-locking nuts.
3. Connect wires to the contactor. Be sure connectors for 12 ga. wires are tight. See drawing at left for configuration.
4. Reinstall top cover and wrap.

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.

SCR ASSEMBLY

Repair time not to exceed 1.0 hour

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove top cover and wrap (see page 28)
2. Disconnect the contactor shelf:
 - a. Remove two nuts at the corners of the shelf.
 - b. Lift the shelf only enough to gain access to the SCR heatsink screws.
3. Disconnect old SCR assembly:
 - a. Remove two screws from the bottom of the SCR heatsink.
 - b. Note position of wires on SCR.
 - c. Disconnect wires from SCR. Discard entire SCR and heatsink assembly.

C. Installation

1. Note orientation of SCR assembly. The notch in the base of the SCR faces the front of the unit. The fins of the heatsink face the right (power switch) side.
2. Connect wires. See drawings at right for configuration.
3. Install two screws holding SCR assembly to shelf.
4. Reinstall contactor shelf to unit.
5. Reinstall top cover and wrap.

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.

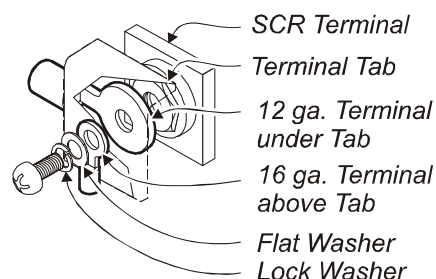
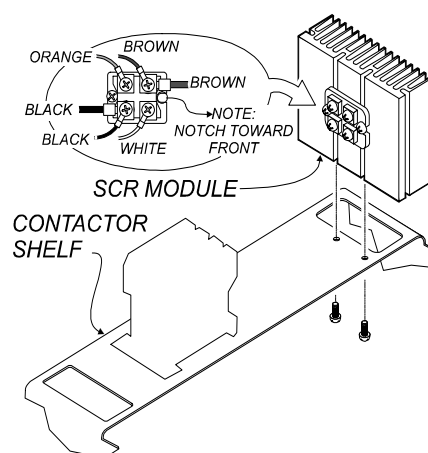


WARNING Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners
Needle Nose Pliers
7/16" & 9/16" Open End Wrenches



SERVICING INSTRUCTIONS (continued)



WARNING **Electric Shock** **Hazard**

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners
Needle Nose Pliers
7/16" & 9/16" Open End Wrenches

COOLING FAN

Repair time not to exceed 1.0 hour

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove top cover and wrap (see page 28)
2. Disconnect cleanout assembly:
 - a. Disconnect hose clamp on supply hose.
Remove supply hose.
 - b. Disconnect flare fitting from inductive heater inlet tube.
Be sure to use a 7/16" backup wrench on the cleanout tube flare fitting.
Avoid moving or stressing the inlet tube.
 - c. Remove the cleanout assembly by lifting the cleanout body while guiding the tubing through the hole in the bracket.
3. Disconnect the contactor shelf:
 - a. Remove two nuts at the corners of the shelf.
 - b. Lift the shelf only enough to gain access to the fan and mounting screws.
4. Remove old fan:
 - a. Remove two screws holding fan to heater.
 - b. Disconnect wires. Discard old cooling fan.

C. Installation

1. Connect wires.
2. Attach new fan to heater.
3. Reinstall contactor shelf to unit.
4. Reinstall cleanout assembly. Be sure to use a backup wrench when attaching flare fitting to the inlet tube of heater. Avoid moving or stressing the inlet tube. Be sure braided supply tubing is not kinked.
5. Reinstall top cover and wrap.

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.

SERVICING INSTRUCTIONS (continued)

POWER SWITCH

Repair time not to exceed 0.5 hour

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove front assembly and tank shelf (see page 27).
2. Remove paper shield.
3. Note position of wires on switch. Disconnect wires.
4. Compress mounting fingers on switch. Push switch from inside to remove; discard old switch.

C. Installation

1. Note orientation of switch. ON (I) goes up.
2. Push switch through mounting hole until fingers engage and the flange of the switch sits flush against the cabinet.
3. Reinstall wires.
4. Reinstall paper shield, front assembly and tank shelf.

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.



WARNING **Electric Shock** **Hazard**

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners
Needle Nose Pliers

SERVICING INSTRUCTIONS (continued)

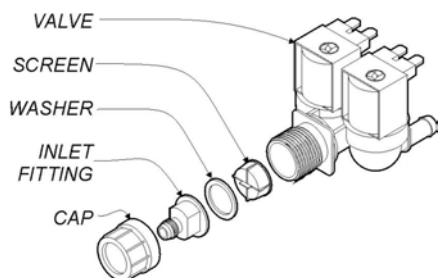
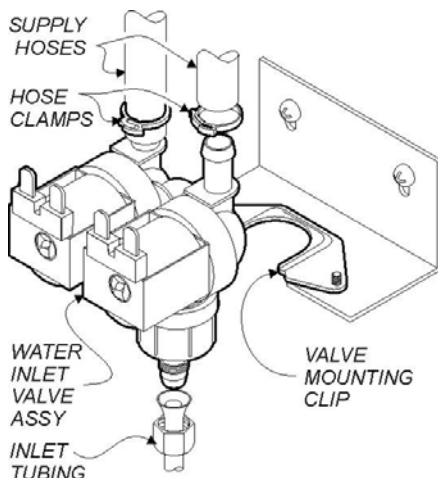


WARNING **Electric Shock** **Hazard**

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
Container to hold fasteners
Needle Nose Pliers
2 ea. 5/8" Open End Wrenches
Brush (Toothbrush or similar)



INLET WATER VALVE ASSEMBLY

Repair time not to exceed 0.5 hour (replace valve), or
1.0 hour (clean strainer screen)

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove top cover and wrap (see page 27).
2. Remove paper shield. Disconnect supply hoses from valves. Refer to page 27 for removal of hose clamps.
3. Disconnect the inlet tubing flare fitting. Be sure to use a backup 5/8" wrench on the bottom fitting of the valve.
4. Note position of wires on valves. Disconnect wires.
5. Slide valve assembly out of valve mounting clip. Do not remove clip from frame bracket.

Note: Valve screen is removable for cleaning; otherwise, valves are sealed and cannot be rebuilt.

Clean valve or discard old valve assembly as appropriate.

C. Clean Strainer Screen

1. Unscrew cap from end of valve, remove inlet fitting and washer.
2. Using pliers, extract screen by grasping tab and working screen from valve body. Note orientation of screen.
3. Clean screen under running water. Use a fine brush if necessary to remove debris and build-up.
4. Reinstall screen in valve body. Note: tab on screen faces away from valve body.
5. Check inlet fitting for debris or build-up. Clean under running water using a fine brush if necessary.
6. Reinstall inlet fitting and washer into cap. Screw cap back onto valve.

D. Valve Installation

1. Snap valve assembly into mounting clip. Dual barb fittings point up.
2. Connect inlet tubing flare fitting. Be sure to use a backup 5/8" wrench on the bottom fitting of the valve.
3. Reconnect supply tubes.
4. Reconnect wires. Reinstall paper shield.
5. Reinstall top cover and wrap.

E. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.

SERVICING INSTRUCTIONS (continued)

INLET WATER PRESSURE SWITCH

Repair time not to exceed 0.5 hour

A. Preparation

1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove front assembly and tank shelf (see page 28).
2. Remove paper shield.
3. Disconnect wires.
4. Unscrew old pressure switch from brass tee fitting. Discard old switch.

C. Installation

1. Wrap switch threads with Teflon tape. Thread switch into brass tee fitting. Tighten by hand. Switch should be snug without being over-tight.
2. Connect wires.
3. Reinstall paper shield. Reinstall front assembly and tank shelf.

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power and test for proper operation.

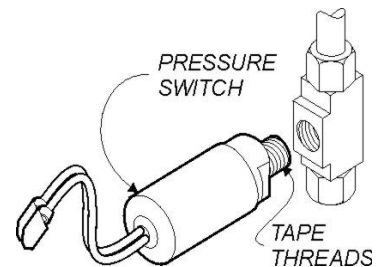


WARNING Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.

TOOLS REQUIRED:

#2 Phillips Screwdriver
1" (very thin) Open End Wrench
Container to hold fasteners
Teflon thread tape



SERVICING INSTRUCTIONS (continued)



WARNING Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.



CAUTION: SHOCK HAZARD

Removal of the top, front or side panels results in Exposed electrical circuits. Setting the temperature must be performed by a qualified technician only. Use care whenever working around exposed electrical circuits.

TOOLS REQUIRED:

Digital Thermometer
#2 Phillips Screwdriver
Small flat-blade screwdriver
11/32" Nut Driver
Container to hold fasteners
Needle Nose Pliers

POWER BOARD

Repair time not to exceed 1.0 hour (including calibration)

A. Preparation

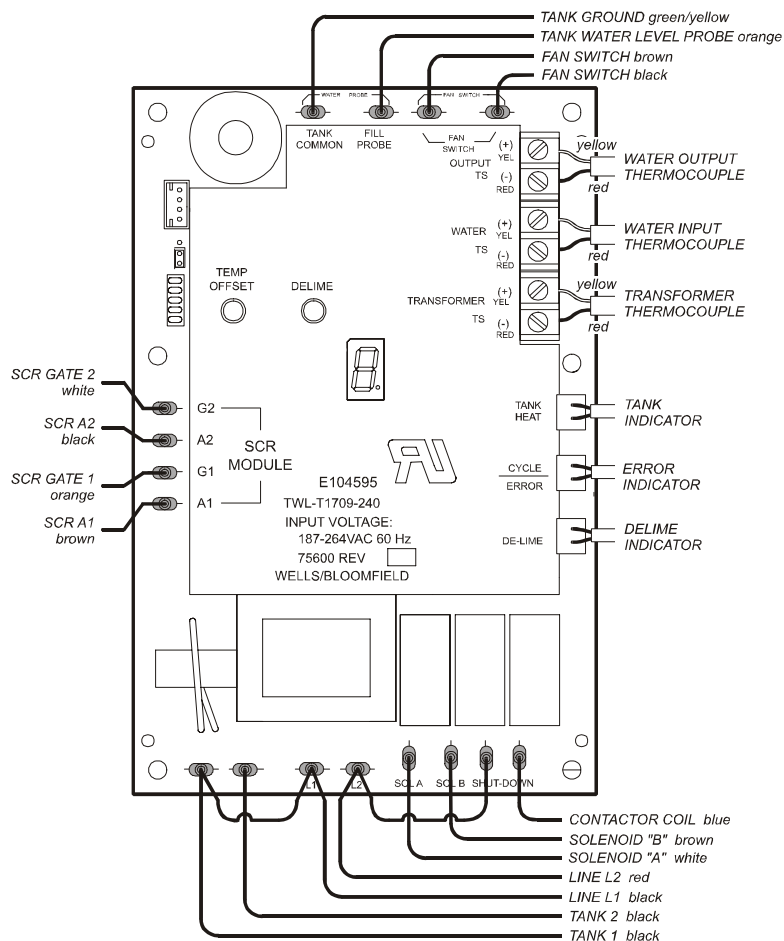
1. Disconnect Water-Max™ from electrical power.
2. Shut off water supply to Water-Max™.

B. Removal

1. Remove front assembly (see page 28).
2. Note wiring connections. Disconnect wiring from board.
3. Remove 4 ea. 11/32" nuts from corners of power board. Remove power board from unit.

C. Installation

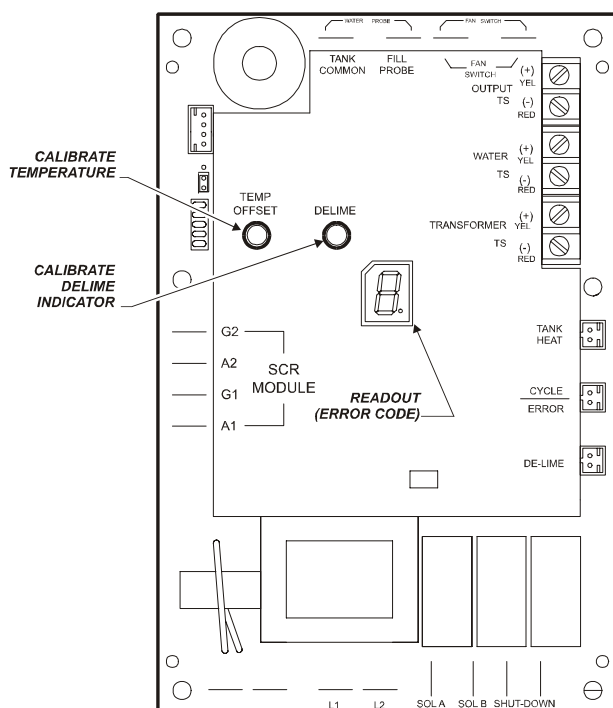
1. Install new board. Note orientation. Mounting nuts should be snug, but not over-tight.
2. Connect wires per drawing below. Be careful that inlet and outlet water temperature thermocouples are properly connected.
3. Reinstall front cover assembly. Do not install support cover yet.



SERVICING INSTRUCTIONS (continued)

D. Return Unit to Service

1. Turn water supply on and check for leaks.
2. Connect Water-Max™ to electrical power.
3. Calibrate Delime Sensor. See drawing below.
 - a. Remove the plastic cover from the tank, then reinstall the tank on the tank shelf. Tank must be empty to begin test.
 - b. Insert the thermocouple of a digital thermometer 6" into the spout. Be sure thermocouple is into the silicone tube section. Press the power switch ON. Observe the action of the DELIME LED.
 - c. Adjust TEMP OFFSET until the water at the spout is a steady 197°F. *Allow at least 30 seconds of flow.* DELIME LED should just begin to flash as the water temp decreases to 197°F. If not; adjust DELIME on the CONTROL BOARD until the DELIME LED just starts to flash at 197°F.
4. Calibrate Temperature. See drawing below.
 - a. Empty WATER TANK. Reinstall the plastic cover on the tank, then install under DISPENSER NOZZLE. Press POWER SWITCH to ON.
 - b. Run and discard at least one full tank of hot water to allow dispenser temperatures to stabilize.
 - c. Turn TEMP OFFSET on the CONTROL BOARD so that temperature on digital thermometer reads 202°F.
 - d. Press POWER SWITCH to OFF.
5. Turn Water-Max™ OFF. Remove the thermocouple. Drain and remove the tank. Properly reinstall all panels. Reinstall the tank on the tank shelf. Turn POWER SWITCH ON.
6. Observe the tank fill and water flow stop. Draw water from the tank and allow the tank to refill several times to verify proper operation.



WARNING Electric Shock Hazard

Disconnect Water-Max™ from electrical power before removing any panel or cover.



CAUTION: SHOCK HAZARD

Removal of the top, front or side panels results in Exposed electrical circuits. Setting the temperature must be performed by a qualified technician only. Use care whenever working around exposed electrical circuits.

NOTE: The practical maximum temperature is the local boiling temperature (based on the altitude of the installation) minus 10°F.

If the stream is "sputtering", water temperature is set too high, allowing steam to form in the water flow. Set TEMP OFFSET lower to compensate.

SERVICING INSTRUCTIONS (continued)

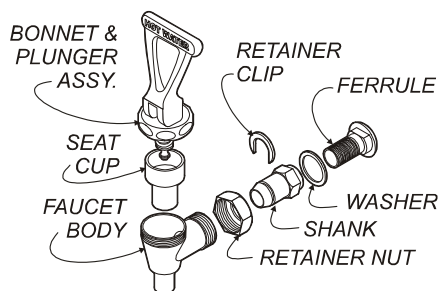


CAUTION: Burn Hazard

Carefully empty water from tank and remove tank from Water-Max™ and before performing any servicing.

TOOLS REQUIRED:

18" Adjustable Wrench
Container to hold fasteners
Teflon Thread Tape
Food-Grade Silicone Sealant



FAUCET AND SHANK ASSEMBLY

Repair time not to exceed 0.5 hour

A. Removal and Disassembly

1. Carefully drain all water from the tank. Remove the tank from Water-Max™. Remove the tank lid from the tank and store in a safe place.
2. Loosen retainer nut and remove faucet from shank. Slide the retainer clip out of the groove in the shank. Store retainer nut and retainer clip in a safe place.
3. If seat cup is to be replaced, unscrew bonnet and handle assembly from the top of the faucet. Work the seat cup off of the end of the faucet plunger.
4. Unscrew the faucet shank from the ferrule. Withdraw the ferrule from inside the tank.

B. Install

1. Clean the inside of the tank around the faucet mounting hole.
2. Apply a thin bead of food-grade silicone sealant to the lip of the ferrule. Slide the washer onto the ferrule. Apply a thin bead of food-grade silicone sealant to the side of the washer which will contact the inside of the tank. Insert the ferrule from inside the tank, making sure the spacer is in place between the tank and wrap. Align the double "D" on the ferrule with the flats of the tank hole.
3. Wrap the exposed threads of the ferrule with Teflon tape. Screw the shank onto the ferrule and tighten.
4. If faucet seat cup is to be replaced, snap a new seat cup onto the end of the faucet plunger. Work the faucet lever to insure proper installation. Screw the bonnet and handle assembly onto the faucet.
5. Slide the retaining nut over the shank, threads facing away from the tank. Slide the retaining clip into the groove in the shank. Install the faucet and tighten the retaining nut. Handle should point up, with the printed "HOT WATER" facing away from the tank.
6. Fill the tank with tap water. Check for leaks. Test the faucet for proper operation.
7. Empty the tank. Install the tank lid and reinstall tank on Water-Max™.

SERVICING INSTRUCTIONS (continued)

DISPENSER TANK

A. Tank Disassembly (refer to page 25)

1. Carefully drain all water from the tank. Remove the tank from Water-Max™. Remove the tank lid from the tank and store in a safe place.
2. Remove temperature gauge and holding nut from tank.
3. Disassemble faucet shank assembly (see page 38).
4. Remove four screws from side lips of reservoir assembly.
5. Lift tank reservoir assembly out of wrap.
6. Disconnect wiring as required.

B. Reassembly

1. Reconnect any wires disconnected during service.
2. Apply a thin bead of food-grade silicone sealant along the top lip of the wrap.
3. Install tank reservoir into wrap. Be sure tank is properly oriented.
4. Secure reservoir assembly into tank by installing four screws in side lips.
5. Reinstall faucet assembly (see page 38).
6. Fill the tank with tap water. Check for leaks.
7. Empty the tank. Install the tank lid and reinstall tank on Water-Max™.

TANK HEATER

1. Disassemble tank per above.
2. Using a putty knife or similar scraper, remove old heater assembly and any remaining RTV from outside of tank.
3. Attach new heater assembly to bottom and front of tank. Refer to *Exploded View* on page 25 for location.
4. Seal edges of heater using Hi-Temp (red) RTV sealant.
5. Allow to set for at least one hour, then reassemble tank as detailed above.



CAUTION: Burn Hazard

Carefully empty water from tank and remove tank from Water-Max™ and before performing any servicing.

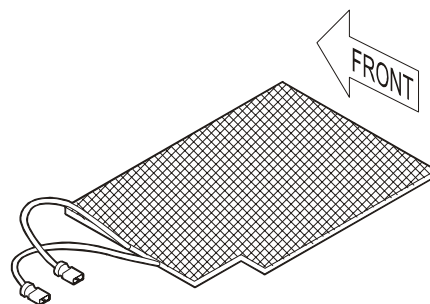
TOOLS REQUIRED:

#2 Phillips Screwdriver
18" Adjustable Wrench
Container to hold fasteners
Teflon Thread Tape
Food-Grade Silicone Sealant

Note: Be careful to avoid scraping, trapping or pinching wires as the reservoir is lowered into the wrap.

TOOLS REQUIRED:

#2 Phillips Screwdriver
18" Adjustable Wrench
Container to hold fasteners
Teflon Thread Tape
Food-Grade Silicone Sealant
Putty Knife
Hi-Temp (Red) RTV Sealant



SERVICING INSTRUCTIONS (continued)



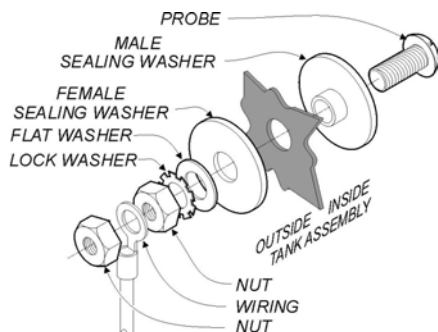
CAUTION: Burn Hazard

Carefully empty water from tank and remove tank from Water-Max™ and before performing any servicing.

TOOLS REQUIRED:

#2 Phillips Screwdriver
7/16" Open-End Wrench
Container to hold fasteners
Food-Grade Silicone Sealant

Note: Be careful to avoid scraping, trapping or pinching wires as the reservoir is lowered into the wrap.



LOW WATER LEVEL PROBE

Repair time not to exceed 0.5 hour

A. Removal and Disassembly

1. Carefully drain all water from the tank. Remove the tank from Water-Max™. Remove the tank lid from the tank and store in a safe place.
2. Disassemble the tank (see page 25).
3. Disconnect wiring from the probe. Disassemble probe. Withdraw the probe from the inside of the tank. Discard the old probe and nylon sealing washers.

B. Install

1. Clean the inside of the tank around the probe mounting hole.
2. Apply a thin bead of food-grade silicone sealant around the lip of the male sealing washer. Insert the male sealing washer into the mounting hole from the inside of the tank.
3. Apply a thin bead of food-grade silicone sealant to one side of the female sealing washer. From outside of the tank, slide the female sealing washer over the protruding shoulder of the male sealing washer with the sealant side toward the tank.
4. Install probe assembly:
 - a. Apply a thin bead of food-grade silicone sealant to the underside of the head of the probe.
 - b. Insert the probe into the sealing washers from the inside of the tank. Orient the slot in the face of the probe vertically.
 - c. Slide a flat washer and a lock washer over the protruding threads of the probe. Thread on one nut. Tighten until the sealing washer assembly is visibly compressed.
5. Reconnect wiring.
6. Examine all wiring connectors. Be sure that all connectors are secure before reassembling tank.
7. Reassemble tank (see page 39).
8. Fill the tank with tap water. Check for leaks.
9. Empty the tank. Reinstall tank on Water-Max™. Observe operation as the tank fills:
 - a. Water-Max™ should dispense until the water level reaches the probe.
 - b. Dispense must stop when the water level reaches the probe.
10. Reinstall the tank lid.

ACCESSORIES & OPTIONAL COMPONENTS

DESCRIPTION	PART NO.
WALL MOUNT KIT, SIDE MOUNT MOUNTS WATER-MAX™ WITH FAUCET TO THE LEFT SIDE	22687
WALL MOUNT KIT, BACK MOUNT MOUNTS WATER-MAX™ WITH FAUCET TO THE FRONT	22726
TANK, 5 GALLON, MODEL DT-5	22658
PITCHER, PLASTIC, 4 QT.	22729
DELMING SOLUTION BOTTLE	85377
CORD SET #6AWG/3W/NEMA 6-50P	22728
ASSEMBLY, WATER SUPPLY PROTECTION INCLUDES: WATERLINE "Y" STRAINER PRESSURE REGULATOR WITH GAUGE WATER HAMMER ARRESTOR	84868
PRESSURE REGULATOR (ONLY)	8541-401
PRESSURE GAUGE (ONLY)	8541-402
WATER HAMMER ARRESTOR (ONLY)	9012-54
WATERLINE "Y" STRAINER (ONLY)	SA 9052

IMPORTANT: Use only
factory authorized service
parts and replacement
filters.

For factory authorized
service, or to order factory
authorized replacement
parts, contact your Wells
authorized service agency,
or call:

Wells Manufacturing Co.
2 Erik Circle
P. O. Box 280
Verdi, NV 89439
phone: (775) 345-0444
fax: (888) 492-2783
(Service Parts Dept.)

Service Parts Department
can supply you with the
name and telephone
number of the WELLS
AUTHORIZED SERVICE
AGENCY nearest you.

CUSTOMER SERVICE DATA

please have this information available if calling for service

RESTAURANT _____ LOCATION _____
 INSTALLATION DATE _____ TECHNICIAN _____
 SERVICE COMPANY _____
 ADDRESS _____ STATE _____ ZIP _____
 TELEPHONE NUMBER (____) _____ - _____
 EQUIPMENT MODEL NO. _____
 EQUIPMENT SERIAL NO. _____
 VOLTAGE: (check one) ☐ 208 ☐ 240



*Wells Manufacturing proudly supports CFESA
Commercial Food Equipment Service Association*

SERVICE TRAINING - QUALITY SERVICE



CUSTOMER SATISFACTION



WELLS

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